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# REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS FOR THE PERIOD JULY TO DECEMBER 1996.

## REPORT NO. 16

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## JULY TO DECEMBER 1996

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# REPORT ON THE QUALITY OF MARINE SURFACE OBSERVATIONS:

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## 1. INTRODUCTION

In 1985, the Commission for Basic Systems agreed that there was a need for GDPS/ Global NWP centres to monitor the quality of observations available on the GTS and to exchange monthly lists of those stations providing observations which seem in error. In 1988 three lead centres were nominated which would have a co-ordinating role of producing, at six-monthly intervals, consolidated lists of suspect stations for given data types together with information on the nature of the error. RSMC Bracknell was allocated the rôle as lead centre for marine surface observations which encompasses observations from ships, drifting buoys, moored buoys and other fixed marine platforms. This is the sixteenth such report and covers the period July to December 1996. The report covering the period January to June 1997 will appear in autumn (fall) 1997.

Following the CBS recommendations, four centres have been active in exchanging monitoring information each month; RSMC Bracknell since August 1987, ECMWF since August 1988, RSMC Tokyo since September 1988 and NCEP Washington since August 1989. At first, the only monitoring information exchanged on marine surface observations was related to pressure, and the first two WMO reports were restricted to that parameter alone. All four centres now regularly monitor wind observations and results are contained in this report. In addition, the report contains monitoring results for sea-surface temperature (SST). For each marine observing platform identified as suspect, values are supplied for the number of observations received at each centre, the number of observations with gross errors, and the mean and rms differences from the background values used by the numerical data assimilation system.

## 2. MONITORING METHODS

Errors in observations may arise from a number of sources: the instrument may be malfunctioning, figures may be mistaken while being transferred manually, or there may be corruption of data during transmission. Errors can also arise in the pressure report if the adjustment to sea level is made incorrectly or not at all, and a poorly-sighted anemometer can result in errors in the observations of wind. For SST observations, the depth at which the observation is made can be crucial. "Surface" observations from buoys are usually made at a depth of around 0.5m, whereas ships may take a measurement between a depth of 10m and the surface, depending on the method used. At present, there is no indication given within the report of the observation's depth, so it is not possible to determine the significance of this factor. By contrast, satellites measure the temperature of the ocean's "skin" which is generally slightly cooler than the temperature immediately beneath, by several tenths of a °C, as a result of evaporative cooling and other surface processes. Some of these errors can be detected by applying checks on the code format and the internal consistency of the report (for example: are the position and pressure consistent with a report 6 hours earlier?). Checks on spatial consistency may be made if there are other nearby observations. However, such quality checks are unable to identify errors on all occasions and it is recognised that the numerical data assimilation systems in use today can provide global reference values which have a valuable application in the area of observation monitoring. The short-term forecast from the previous numerical analysis, commonly known as the first-guess or background field, provides perhaps the most useful information on observation quality, as it represents an accurate and spatially consistent estimate of the observed value which is independent of the observation itself. Observation-minus-background (hereafter referred to as O-B) differences are at the centre of all monitoring work by GDPS centres. For sea-surface temperature, it is not possible to use a background field with which to compare the observed value, as for wind and pressure observations, because no forecast of SST is performed. Instead, the analysis field is used. SST changes only slowly relative to parameters above the surface, thus this is a good enough approximation. Analyses are performed daily at RSMC Bracknell from an assimilation of both

surface and satellite observations. There is one drawback in using the analysis field as an alternative: it is not independent of the observations themselves. This is a major limitation when it comes to assessing observation quality since the results are not straightforward to interpret.

Taking all marine surface observations together, the values of O-B have distinct characteristics. The vast majority of the observations show quite small departures from background and the distribution of O-B is nearly Gaussian, with little or no bias. The errors in the background field probably contribute most to the values of O-B for these observations. There is, however, often a smaller group of observations departing much more from background, for which observation error is the only reasonable explanation for the large values of O-B. Studies of the distribution of O-B and its variation at different points around the globe enable reasonably accurate estimates of background error to be made, and this provides the basis for the monitoring methods described here. Those marine observing platforms for which, in a sufficiently large sample, the observed values of pressure or wind differ from the background by an amount significantly in excess of the estimate of background error, may be labelled as suspect with a high degree of confidence. The limits used here to identify suspect observing platforms have been set sufficiently stringent to preclude much likelihood of the background, rather than the observations, being in error.

Each monitoring centre produces a monthly list of the identifiers of marine observing platforms considered suspect according to the departure from the centre's background values. All observations, both synoptic and asynoptic, are assimilated. At Bracknell, Tokyo and Washington, the corresponding background value used is that valid at the nearest main synoptic hour. At ECMWF, however, interpolation in time is performed.

Given that the number of observations made during the month is greater than or equal to 20, then the condition used by all centres for obtaining platforms for the suspect lists is that at least one of the following criteria are satisfied:

**Pressure**

| | | |
|---|---|---|
| 1. the \| mean of O-B \| | $\geq$ | 4.0hPa |
| 2. the standard deviation of O-B | $\geq$ | 6.0hPa |
| 3. the percentage of gross errors | $\geq$ | 25 |

**Wind**

| | | | |
|---|---|---|---|
| 1. the \| mean of O-B \| | $\geq$ | 5.0ms$^{-1}$ | (Speed) |
| | $\geq$ | 30° | (Direction) |
| 2. the standard deviation of O-B | $\geq$ | 80° | (Direction) |
| 3. the percentage of gross errors | $\geq$ | 25 | |

A gross error is defined as an observation which departs from the background by more than 15hPa (Pressure) or 25ms$^{-1}$ (Vector Wind). The mean and standard deviation of the samples are evaluated excluding gross errors and in this way occasional "wild" values resulting from, for example, corruption during transmission, do not influence the sample characteristics. Direction statistics are also calculated excluding values in light winds, where either the observed or background speed is less than 5ms$^{-1}$.

Relatively little information is exchanged between centres on a regular monthly basis for SST.

The monthly results for pressure from all four monitoring centres show considerable agreement, both on the observing platforms listed as suspect and the values of the mean and rms difference from each centre's background. Differences between the monthly suspect lists are usually due to the different numbers of observations available at each centre. The cut-off varies between 6 and 24 hours. There are also some unexplained variations in the data receipt between the centres, which may be due to problems in the GTS or in the local procedures for handling the data. Monitoring results for wind speed also show reasonable agreement on the mean and standard deviation from

each centre's background; there is less agreement as to which platforms are listed, reflecting the greater uncertainty when monitoring wind speed.

This report draws together all the monthly monitoring results exchanged on marine surface data and identifies a list of observing platforms which have provided observations of poor quality over the six-month period. In drawing-up this list, there have been a number of guiding principles:

1. As with the monthly lists, accuracy is assessed relative to background values.
2. Only those observing platforms are listed for which there is a very high degree of confidence that the observations rather than the background values are in error.
3. At least 40 reports are required over the period in which the observations are considered suspect.
4. The perceived accuracy over the last part of the six-month period is of greatest importance; observing platforms will not be listed if there has been recent improvement and their reports are at present without major error.
5. Given that the number of observations made during the period is greater than or equal to 40, then the condition for listing a platform as suspect in this report is that at least one of the following criteria are satisfied:

**Pressure**

| | | |
|---|---|---|
| 1. the \| mean of O-B \| | ≥ 3.5hPa | |
| 2. the standard deviation of O-B | ≥ 5.0hPa | |
| 3. the percentage of gross errors | ≥ 25 | |

**Wind**

| | | |
|---|---|---|
| 1. the \| mean of O-B \| | ≥ 5.0ms$^{-1}$ | (Speed) |
| | ≥ 30° | (Direction) |
| 2. the standard deviation of O-B | ≥ 6.0ms$^{-1}$ | (Speed) |
| | ≥ 60° | (Direction) |
| 3. the percentage of gross errors | ≥ 25 | |

**SST**

| | | |
|---|---|---|
| 1. the RMS of O-A | ≥ 2.5°C | |
| 2. the percentage of gross errors | ≥ 25 | |

The same gross error limits apply in this report as for the monthly lists, with the limit for SST being set at 5°C. All observations having gross errors are excluded from the calculation of the mean and standard deviation of O-B and O-A.

The limits set on the bias and standard deviation of O-B are slightly less stringent than those for the monthly lists because the sample sizes are larger. They are only applied over the last part of the period if there has been a recent deterioration in quality. It is possible that there are a few observing platforms listed in this report which have not appeared on any of the monthly lists. This can occur if they report infrequently and only produce a large enough sample over a period of several months. The six-month list is longer than most of the monthly lists because many ships cease reporting for variable periods of time, presumably in most cases while they are in port or out of service. Only over a relatively long period, probably more than six months, is a representative sample obtained from all those ships providing observations.

## 3. MONITORING RESULTS

The monitoring results presented in this report relate only to data exchanged over the GTS. Observations from marine platforms are transmitted in one of two formats: the SHIP code, used for most observations from ships, moored buoys and other fixed platforms, and the BUOY code, used mostly for observations from drifting buoys. In this report the term "ship observations" refers to those received in the SHIP code and the "drifting buoy observations" to those received in BUOY code. The SHIP code indicates whether the observation was made manually or by an automatic system and accordingly the sub-divisions "manual ship" and "automatic ship" will be defined.

### *3.1 Pressure*

In the six-month period January to June 1996, 1,233,018 observations of pressure were monitored at Bracknell from 5857 manual ships, 478 drifting buoys, and 404 automatic ships. The number of reports received from individual ships varies greatly as Table 1 demonstrates; apparently, a large percentage only report once. The reason for this is unclear but it may be a result of errors in the part of the message giving the ship identifier. A comparison with the corresponding table in the fifteenth report, shows that the number of manual ship identifiers has increased greatly, going against the recent trend. However, this increase is almost totally due to the increase in ships making single observations. The number of drifting buoys has also increased once again, with a shift towards a greater number of reports from each; this increase is therefore more realistic than that for manual ships. There has been a small decrease in the number of automatic ships reporting.

Table 2 shows the number of observations of pressure that have been received over the GTS at Bracknell for past six-month periods. Due to changes in data storage methods at Bracknell in May 1991, report number 5 covered the period January to May 1991 only, thence figures for January-June 1991 have been scaled-up in order to make a fair comparison with other six-month periods; this may not be entirely accurate. Further changes in November 1993 for drifting buoys & automatic ships for pressure & winds, may have allowed duplication of a few identifiers in Table 1 for the period June to December 1993, as reclassification from one observation type to another occurred. The observation distribution shown in Table 2 will also have been affected in the long term with a slight shift towards drifting buoys; no duplication of observations occurred however. SST observations were not affected by the November 1993 change.

Figure 1 shows the information presented in Table 2 more clearly. It can be seen that the total number of observations rose somewhat to begin with, but was followed by a notable decline. Since report number six (covering the period July to December 1991) however, there has been a recovery in the total, with the latter half of 1996 showing the greatest number of all. This increase is due not only to a greater number of vessels reporting, but to the increase in the number of reports from each drifting buoy, as reliability improves. The number of reports from drifting buoys now exceeds those for manual ships by 30%. Indeed 50% of all pressure observations made by marine vessels are now made by drifting buoys.

A histogram of O-B differences for all ship pressure reports in the period July to December 1996 is shown in Figure 2a, together with the Gaussian distribution with the same mean and standard deviation. Although almost all values fall within the range +5 to -5 hPa, a small number of very large values, presumably resulting from erroneous observations, contribute to the large standard deviation of the population. The distribution for all those observations which fail the automatic quality-control checks is broad (Figure 2b). The remaining 94 per cent of the observations which pass the quality checks show a distribution of O-B which is very close to Gaussian (Figure 2c) with mean -0.2 hPa and standard deviation 1.4 hPa; the principal contribution to the standard deviation is assumed to be from background errors.

A global estimate of the background error, such as is provided above, will conceal large spatial variations which may occur. Background values will be more accurate in data-rich areas (e.g.: in the North Sea or Mediterranean) or where the meteorological variability is low (e.g.: the tropics). The geographical distributions of the mean and standard deviation of the values of O-B from all ship observations which pass the quality-control checks, have been calculated for 10-degree latitude-longitude boxes and are plotted in Figures 3 and 4. In almost all areas, the magnitude of the mean is less than 0.5 hPa, the exceptions being generally only where the sample size is small.

The standard deviation in the tropics is 1.0 to 1.5 hPa, in northern latitudes 1.5 to 2.0 hPa, and in the Southern Ocean 1.5 to 3.0 hPa. The number of ship pressure reports accepted by the model quality control in each 10-degree box is shown in Figure 5.

Table 3 contains a list of those ships and drifting buoys considered to have produced suspect observations of pressure in the period July to December 1996. Values over the six-month period are given for the number of observations of pressure available for the Bracknell global model runs, the number of observations differing from the background value by more than 15 hPa (gross errors), and the mean and standard deviation of O-B using the Bracknell global model. The number of times the identifier has appeared on the monthly suspect lists from the four monitoring centres is also given. In order to give a detailed picture of the frequency of reporting and any changes in the observation accuracy, six-month time-series of O-B differences are given at the end of the report for each of the identifiers listed.

An interesting characteristic of the errors identified here, which soon becomes obvious on inspection of the time-series charts at the end of this report, is that most can be attributed to a bias in the observed pressure. In many cases the bias is constant over the whole monitoring period. There are some values which appear to depart greatly from the sample mean, presumably due to some gross error in the observation, but generally they are isolated instances. In only a few cases are there regular large random departures from background. Those observing platforms listed in Table 3 which appeared in the fifteenth report (January to June 1996) have been indicated with an asterisk. A comparison of the statistics given here with those in the fourteenth report (July to December 1995), clearly indicates that the bias in the pressure observations from some ships has scarcely changed over the past 12 months.

Statistics for those marine observing platforms which were listed in the fifteenth six-monthly report and which do not appear in Table 3b, are given in Table 4 along with comments on the quality of their pressure observations. Time-series charts of the pressure observations from these platforms are not given. Less than 40 reports have been received in the latest six-month period for a majority of the ships on this list; several show some improvement in the quality of observations, however.

### *3.2 Wind*

The monitoring of observations of wind, presents more problems than for pressure. On the majority of observing platforms, wind is measured using anemometers. The reported speed will be dependent on the averaging period and the height of the instrument above sea level, which will vary a great deal from platform to platform. The wind flow is distorted by a large structure and factors affecting the wind measurement will also include the siting of the anemometer and the bearing of the wind with respect to the structure. Not all winds are measured by anemometers; observations from some ships are based on visual estimates of the sea state and in these cases the factors outlined above do not apply.

In the monitoring results presented here, the background winds are valid at a height of 10 metres above mean sea-level, a little lower than the average height of a ship anemometer. Where the anemometer height is much different from the reference height, a significant O-B speed bias may be introduced. This will be the case, for example, for observations from oil rigs or tankers with an anemometer height of 50m or more, or from buoys where the anemometer can be as low as 2m.

In the period July to December 1996, 529,917 observations of wind were available for monitoring at Bracknell from 5243 manual ships, 109 drifting buoys, and 437 automatic ships. A more detailed breakdown is given in Table 1. Histograms of O-B differences for ship observations of wind speed are presented in Figures 2d to 2f and of wind direction in Figures 2g to 2j. As with observations of pressure, those wind observations which fail the quality-control checks differ most from background, some by as much as 40ms$^{-1}$, and they make a large contribution to the variance of O-B. The distributions of O-B wind speed and direction for the remaining 88 per cent of the observations are nearly Gaussian. There is a speed bias of +1.3ms$^{-1}$ relative to background, with a direction bias of just -0.9°.

Figures 6 and 7 show the geographical distributions over the six-month period of the mean and standard deviation of O-B for ship observations of wind speed which pass the quality-control checks. The numbers of wind reports used to generate these statistics are presented in Figure 8. The standard deviation of O-B wind speed is typically 3 to 4ms$^{-1}$ in middle latitudes and less than 3ms$^{-1}$ in the tropics. The bias is generally around +1ms$^{-1}$, but exceeds +2ms$^{-1}$ in a few places. Similar distributions of the mean and standard deviation of O-B wind direction are shown in Figures 9 and 10. Only reports where both the observed and background wind speeds are greater than 5ms$^{-1}$ were used to obtain these values. The magnitude of the bias is less than 10 degrees in most places. The standard deviation is generally between 20 and 30 degrees globally, but in some areas, notably tropical parts of the Indian and Pacific Oceans & in data-sparse areas of the southern hemisphere, it is as large as 40 or 50 degrees. The numbers of reports of wind direction used to generate these statistics are presented in Figure 11.

Figures 6-11 provide reference values against which the characteristics of O-B for different marine observing platforms may be compared. Table 5 contains a list of those ships and drifting buoys considered to have produced suspect observations of wind speed in the period July to December 1996, and in Table 7 a similar list is provided for wind direction. Values are given for the number of observations of wind received at Bracknell, the number of observations having a vector difference from background of more than 25ms$^{-1}$ (gross errors), & the mean and standard deviation of O-B. Time-series of O-B for each identifier listed are given at the end of the report. In most cases of suspect speed observations, a constant bias is clearly evident. Errors in observations of direction are more random in nature. Tables 6 & 8 contain statistics for platforms which are not included in Tables 5 & 7 but that were listed in the previous six-month report, for wind speed & direction respectively. Time-series plots for these identifiers are not included in this report.

### *3.3 Sea-surface temperature*

In the six-month period, July to December 1996, a total of 1,521,705 observations of SST were monitored at Bracknell, from 5695 manual ships, 1056 drifting buoys and 260 fixed buoys. Of the total, 392,382 were from ships, 360,073 from fixed buoys and 765,703 from drifting buoys. The increase, 32,109 compared with the six-month period January to June 1996, is mainly due to a rise in the number of observations from ships, which was partly seasonal; the number of observations from drifting buoys fell by a smaller amount but this fall was counteracted by a similar rise in the number of observations from fixed buoys. The number of ships reporting SST increased by as much as 20% compared with the previous six months, but a large proportion of this rise was due to ships that reported just once, 3% being the figure excluding those ships. The number of fixed buoys reporting decreased by 13%, this fall being more evenly distributed; the number of drifting buoys reporting fell by 3% this change again being superficial in a similar way to the ships. Table 1 gives the number of reports received from individual identifiers in frequency categories and shows that a large number of ships reported only once during the six-month period. Errors in reporting the station's identifier could make a significant contribution to this total. Despite there being a relatively small number of buoys, they constitute a substantial percentage of the total number of observations received. This is due to the frequency at which the observations are made: ships usually report only at the main synoptic hours, or less frequently, whereas some buoys report as often as every hour.

Figures 12a, 12b and 12c show the number of observations, mean O-A and standard deviation of O-A for each of the 3 observation types, for both the northern and the southern hemispheres. Only observations passing quality control checks have been used. Figure 12b shows that the overall bias of each observation type is small (< 0.1°C), with ship observations having a slightly positive bias, whilst fixed buoys have a slightly negative bias; the sign of the bias for drifting buoys varies with the hemisphere. Figure 12c shows that ship observations are substantially more erratic, with standard deviations approximately twice those of fixed and drifting buoys. This is partly due to the fact that buoys report frequently and at a quasi-constant location which effectively gives them increased weight in the analysed field.

Figures 13, 14 and 15 respectively show the global distribution of the bias and standard deviation of O-A and the numbers of observations, for ships. The largest biases occur at high latitudes, which is most likely a result of the small number of observations available and hence the decreased

reliability of the analysis in these areas, particularly in the southern hemisphere. Figures 16 and 17 show the global distribution of fixed and drifting buoy SST reports. The coverage provided by drifting buoys is extensive, the exception being tropical areas of the Atlantic, and the polar regions. Fixed buoys are largely concentrated in coastal regions, with particularly high observation densities around the UK and the USA, as well as Japan and Hawaii. A number of 10° x 10° grid boxes contain less than 5 reports; this situation may have arisen from reports containing erroneous positions.

Table 9 contains a list of the ships and drifting buoys considered to have produced suspect observations over the six-month period. The comments given in each case provide an indication of the main reason for the station to be listed as suspect; time-series charts have also been plotted for SST and are included at the end of the report. A large number of the identifiers appearing on the list do so as a result of a persistent bias. A high percentage of those listed due to the number of gross errors, also show a large bias. Table 10 gives details of the performance over the latest six-month period of ships which were considered suspect in the previous six-month period but which don't appear in Table 9. A significant number of the ships included in Table 10 have shown an improvement in the accuracy of SST measurements during the latter half of 1996.

## 4. SUMMARY

112 marine observing platforms are listed as producing suspect observations of pressure over the period July to December 1996, 23 as producing suspect wind observations and 102 as producing suspect SST observations. The first report issued by RSMC Bracknell for the period January to June 1989, listed 150 marine platforms producing suspect observations of pressure. The selection criteria have remained unchanged, and the reduction in the number of platforms listed seems to reflect a genuine improvement in quality over the period.

The most common characteristic of the pressure errors found here is a bias in the reported pressure which may remain constant for many months. The majority of platforms listed as producing suspect wind observations show a bias in the reported wind speed, while a few show a large standard deviation in wind direction. For sea-surface temperature observations, the presence of a persistent bias is again found to be the most common cause of error.

The selection criteria have been set sufficiently stringent to ensure that only those are listed for which there is a high degree of confidence in there being large observation errors. There are a great many others, not listed here, for which there must be considerable doubt over the quality of the observations. A wider range of monitoring results are available from Bracknell on request.

TABLE 1: FREQUENCY DISTRIBUTION OF THE NUMBER OF REPORTS OF PRESSURE, WIND AND SEA SURFACE TEMPERATURE FROM INDIVIDUAL IDENTIFIERS AVAILABLE FOR MONITORING AT BRACKNELL, JULY TO DECEMBER 1996.

| Number of reports | Number of manual ships reporting | | | Number of drifting buoys reporting | | | Number of automatic ships reporting | | |
|---|---|---|---|---|---|---|---|---|---|
| | Press | Wind | SST | Press | Wind | SST | Press | Wind | SST* |
| 1 | 2091 | 1708 | 2105 | 25 | 24 | 2 | 141 | 121 | 4 |
| 2-10 | 772 | 762 | 893 | 22 | 23 | 9 | 51 | 49 | 115 |
| 11-20 | 340 | 341 | 313 | 10 | 5 | 8 | 16 | 18 | 9 |
| 21-40 | 436 | 452 | 435 | 9 | 3 | 24 | 13 | 12 | 6 |
| 41-100 | 770 | 752 | 728 | 28 | 2 | 68 | 13 | 16 | 4 |
| 101-200 | 676 | 652 | 610 | 40 | 6 | 70 | 14 | 23 | 1 |
| 201-500 | 687 | 527 | 539 | 70 | 15 | 294 | 44 | 74 | 10 |
| 501-1000 | 66 | 34 | 48 | 96 | 16 | 414 | 111 | 123 | 6 |
| 1001-1500 | 18 | 13 | 8 | 133 | 13 | 71 | 1 | 1 | 11 |
| 1501 + | 1 | 2 | 16 | 45 | 2 | 96 | 0 | 0 | 94 |
| Total | 5857 | 5243 | 5695 | 478 | 109 | 1056 | 404 | 437 | 260 |
| *(Report 15)* | *(4988)* | *(4585)* | *(4750)* | *(426)* | *(101)* | *(1091)* | *(426)* | *(437)* | *(301)* |

* numbers are for automatic (fixed) buoys only

TABLE 2: NUMBER OF OBSERVATIONS OF PRESSURE RECEIVED AT BRACKNELL ON THE GTS FOR EACH OF THE SIX-MONTH PERIODS COVERED BY THE WMO REPORTS ON THE QUALITY OF MARINE OBSERVATIONS

| Period | WMO report number | Number of Observations | | | |
|---|---|---|---|---|---|
| | | Manual ships | Drifting buoys | Automatic ships | Total |
| Jan-Jun 1989 | 1 | 424087 | 174971 | 40082 | 639140 |
| Jul-Dec 1989 | 2 | 421315 | 151972 | 58016 | 631303 |
| Jan-Jun 1990 | 3 | 424335 | 177927 | 63847 | 666109 |
| Jul-Dec 1990 | 4 | 412430 | 205488 | 71146 | 689064 |
| Jan-Jun 1991 | 5 | 364760 | 177069 | 64401 | 606230 |
| Jul-Dec 1991 | 6 | 348710 | 148604 | 68456 | 565770 |
| Jan-Jun 1992 | 7 | 332443 | 216872 | 73893 | 623208 |
| Jul-Dec 1992 | 8 | 336958 | 247873 | 80862 | 665693 |
| Jan-Jun 1993 | 9 | 340293 | 288208 | 77317 | 705818 |
| Jul-Dec 1993 | 10 | 348082 | 316261 | 88650 | 752993 |
| Jan-Jun 1994 | 11 | 334134 | 279963 | 111928 | 726025 |
| Jul-Dec 1994 | 12 | 383760 | 305618 | 142468 | 831846 |
| Jan-Jun 1995 | 13 | 369781 | 407111 | 124537 | 901429 |
| Jul-Dec 1995 | 14 | 394016 | 528938 | 138653 | 1061607 |
| Jan-Jun 1996 | 15 | 430162 | 566035 | 122909 | 1119106 |
| Jul-Dec 1996 | 16 | 477928 | 621869 | 133221 | 1233018 |

**TABLE 3: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT PRESSURE OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 1996.**

Column 1 Call sign or identifier.

Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of pressure observations.

*Notes*:

1. Units are hPa.
2. Observing platforms marked with an asterisk were listed in the previous report (January to June 1996)
3. Column 9 (Washington) covers the period July-November 1996 only.

**Table 3a: Platforms reporting in BUOY code**

*i): Platforms **non-operational** at the end of the reporting period*

| Ident. | | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 15904 | | 940 | 0 | 2.7 | -3.2 | 2 | 1 | 1 | 1 | Bias drift |
| 16941 | | 1030 | 194 | 5.5 | 1.5 | 3 | 3 | 3 | 2 | Gross errors; bias drift |
| 17901 | * | 87 | 87 | **** | **** | 1 | 1 | 0 | 1 | Gross errors |
| 25547 | | 1256 | 0 | 2.0 | -4.2 | 2 | 0 | 0 | 0 | Bias |
| 25569 | | 910 | 751 | 6.7 | 7.8 | 2 | 2 | 2 | 2 | Gross errors |
| 33521 | | 809 | 12 | 4.7 | 3.4 | 2 | 2 | 2 | 2 | Bias + rather erratic from August |
| 33541 | | 692 | 106 | 5.3 | 0.5 | 1 | 1 | 1 | 1 | Erratic |
| 33902 | | 800 | 2 | 3.4 | -2.4 | 1 | 1 | 1 | 1 | Bias drift |
| 33908 | | 1021 | 25 | 4.8 | 0.7 | 1 | 1 | 1 | 1 | Erratic from September |
| 33909 | | 1076 | 11 | 5.4 | -1.0 | 2 | 2 | 1 | 2 | Erratic from September |
| 33945 | | 1121 | 63 | 4.3 | 1.7 | 2 | 2 | 2 | 2 | Bias from October |
| 46609 | | 72 | 71 | 0.0 | -11.8 | 2 | 2 | 0 | 1 | Gross errors |
| 46612 | | 165 | 7 | 6.6 | 3.7 | 2 | 2 | 1 | 2 | Erratic |
| 46614 | | 170 | 165 | 0.6 | -12.1 | 2 | 2 | 1 | 2 | Gross errors |
| 46615 | | 155 | 131 | 0.6 | -13.5 | 2 | 2 | 1 | 1 | Gross errors |
| 51637 | | 53 | 0 | 2.2 | 9.9 | 1 | 1 | 0 | 1 | Bias |
| 51665 | | 48 | 48 | **** | **** | 1 | 1 | 0 | 1 | Gross errors |
| 53546 | | 62 | 0 | 1.7 | -3.7 | 0 | 1 | 0 | 0 | Bias |
| 53825 | | 207 | 91 | 4.0 | -1.3 | 1 | 0 | 0 | 1 | Bias drift |
| 54911 | | 680 | 26 | 4.0 | 1.3 | 1 | 1 | 0 | 1 | Erratic from September |

Continued →

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 54912 | 512 | 29 | 4.4 | -0.4 | 1 | 1 | 1 | 1 | Erratic from August |
| 54914 | 532 | 43 | 5.7 | -1.0 | 1 | 1 | 1 | 1 | Erratic from August |
| 54921 | 374 | 27 | 6.7 | -0.2 | 2 | 2 | 0 | 1 | Erratic |
| 54929 | 680 | 67 | 4.3 | -2.5 | 2 | 2 | 1 | 2 | Bias drift |
| 55905 | 126 | 0 | 1.6 | -4.3 | 1 | 0 | 0 | 0 | Bias |
| 55908 | 402 | 33 | 5.9 | -1.9 | 2 | 1 | 0 | 1 | Erratic |
| 56503 | 45 | 0 | 1.8 | -3.5 | 0 | 1 | 0 | 0 | Bias |
| 56516 | 52 | 52 | **** | **** | 1 | 1 | 0 | 0 | Gross errors |
| 63666 | 136 | 86 | 6.6 | 3.3 | 2 | 2 | 0 | 2 | Gross errors; erratic |

*ii): Platforms **operational** at the end of the reporting period*

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 31521 | 2097 | 148 | 1.1 | -1.0 | 2 | 2 | 2 | 1 | Gross errors from November |
| 44617 | 1645 | 82 | 2.9 | -0.1 | 1 | 1 | 1 | 0 | Erratic from December |
| 44923 | 527 | 155 | 2.0 | 0.0 | 1 | 1 | 1 | 0 | Gross errors |
| 46912 | 1099 | 162 | 4.1 | -2.6 | 2 | 2 | 2 | 1 | Gross errors + erratic from Nov |
| 55516 * | 1662 | 0 | 1.3 | -3.8 | 3 | 0 | 0 | 0 | Bias |

**Table 3b: Platforms reporting in SHIP code**

| Ident. | | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| ATVA | | 45 | 1 | 2.1 | -4.1 | 0 | 1 | 1 | 0 | Bias |
| BOAB | | 278 | 2 | 2.3 | -3.5 | 2 | 2 | 0 | 1 | Bias |
| CG2248 | | 242 | 242 | **** | **** | 5 | 4 | 0 | 5 | Gross errors |
| CTFL | | 56 | 0 | 2.5 | 4.0 | 1 | 1 | 0 | 1 | Bias |
| CYGR | * | 74 | 50 | 4.7 | -8.8 | 2 | 0 | 0 | 1 | Gross errors |
| CYJZ | | 45 | 1 | 1.1 | -6.5 | 1 | 1 | 0 | 1 | Bias |
| CYLX | * | 79 | 65 | 3.8 | -4.4 | 0 | 0 | 0 | 0 | Gross errors |
| C6FA6 | * | 256 | 1 | 1.5 | -5.7 | 5 | 4 | 4 | 3 | Bias |
| C6HD5 | | 170 | 4 | 3.0 | 3.9 | 3 | 0 | 1 | 3 | Bias +5hPa from August |
| C6IL3 | * | 95 | 0 | 1.4 | 11.6 | 2 | 1 | 1 | 1 | Bias |
| C6JT | | 81 | 0 | 1.5 | 4.2 | 1 | 0 | 1 | 0 | Bias |
| C6LI6 | * | 289 | 3 | 1.8 | 9.1 | 6 | 4 | 5 | 5 | Bias |
| DEGY | | 306 | 0 | 1.5 | -3.9 | 3 | 0 | 0 | 1 | Bias |
| ELED7 | | 50 | 0 | 1.2 | 5.3 | 0 | 0 | 0 | 0 | Bias |
| ELIG5 | * | 108 | 1 | 1.1 | 4.2 | 2 | 2 | 4 | 2 | Bias |
| ELIR4 | | 53 | 0 | 1.2 | 5.6 | 1 | 0 | 0 | 0 | Bias |
| ELIT9 | * | 112 | 0 | 1.4 | -4.0 | 1 | 1 | 3 | 0 | Bias |
| ELQR6 | | 63 | 2 | 4.2 | 4.4 | 1 | 1 | 0 | 1 | Bias |
| ELRE5 | * | 401 | 1 | 1.8 | 6.5 | 6 | 0 | 6 | 5 | Bias |
| ELRV8 | | 47 | 0 | 1.0 | -4.2 | 0 | 0 | 2 | 0 | Bias |
| ELSU8 | | 353 | 0 | 3.3 | 2.8 | 2 | 2 | 2 | 1 | Bias drift |
| EUJV | * | 324 | 10 | 2.6 | 9.3 | 6 | 6 | 6 | 5 | Bias |
| KNDM | | 64 | 0 | 2.4 | 6.0 | 2 | 2 | 2 | 2 | Bias |
| LAQN4 | | 69 | 1 | 1.7 | 4.1 | 0 | 0 | 3 | 0 | Bias |
| LAVG4 | | 90 | 0 | 2.6 | 10.0 | 2 | 2 | 1 | 2 | Bias |
| LAWR2 | * | 143 | 0 | 1.5 | 4.7 | 4 | 0 | 0 | 0 | Bias |
| LAXP4 | | 75 | 0 | 1.4 | -3.8 | 0 | 0 | 0 | 1 | Bias |
| LAXS2 | * | 215 | 0 | 1.3 | 6.5 | 2 | 2 | 2 | 2 | Bias |
| MVNW9 | | 54 | 26 | 1.6 | 12.2 | 1 | 1 | 1 | 1 | Gross errors; bias |
| NODO | | 135 | 0 | 4.2 | 3.7 | 1 | 1 | 1 | 0 | Bias +7hPa from December |
| NYUK | | 116 | 0 | 1.5 | -3.9 | 2 | 1 | 0 | 0 | Bias |
| OUKV | * | 69 | 1 | 1.7 | -4.0 | 1 | 0 | 0 | 1 | Bias |
| OXRO2 | | 125 | 7 | 3.0 | -4.2 | 2 | 1 | 1 | 1 | Bias -5hPa from September |
| OZBW6 | * | 399 | 1 | 1.4 | 3.9 | 2 | 5 | 1 | 2 | Bias |
| P3BA7 | | 313 | 2 | 3.0 | 4.2 | 2 | 1 | 2 | 2 | Bias drift |
| P3HH4 | * | 68 | 0 | 2.0 | 6.4 | 0 | 0 | 4 | 0 | Bias |
| P3XM4 | * | 167 | 1 | 1.7 | -5.2 | 4 | 5 | 1 | 4 | Bias |
| SYMK | | 164 | 1 | 1.6 | 5.1 | 4 | 0 | 1 | 4 | Bias |
| S6CL | * | 193 | 0 | 1.2 | 5.8 | 6 | 4 | 3 | 5 | Bias |
| UCJJ | | 100 | 0 | 5.3 | 1.8 | 3 | 2 | 0 | 0 | Bias -5hPa, +5hPa from August |

Continued →

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| UCJV | 104 | 0 | 1.2 | -6.2 | 3 | 2 | 2 | 0 | Bias |
| UFAA | 44 | 2 | 4.4 | 5.5 | 0 | 0 | 2 | 0 | Bias |
| USNN | 226 | 0 | 1.4 | -4.3 | 3 | 4 | 2 | 3 | Bias |
| UUKB | 58 | 0 | 1.8 | 4.3 | 1 | 0 | 0 | 0 | Bias |
| UVJA * | 123 | 8 | 4.1 | -5.1 | 2 | 3 | 1 | 1 | Bias |
| UVJB * | 99 | 1 | 1.6 | 7.2 | 2 | 3 | 2 | 1 | Bias |
| VCKQ * | 76 | 36 | 4.8 | -4.9 | 1 | 0 | 0 | 1 | Gross errors |
| VCQC | 47 | 6 | 2.3 | -5.4 | 0 | 0 | 0 | 0 | Bias |
| VCQL | 184 | 0 | 2.9 | -4.9 | 3 | 2 | 2 | 3 | Bias |
| VCRQ * | 44 | 18 | 5.2 | -2.7 | 0 | 0 | 0 | 0 | Gross errors |
| VCTK * | 88 | 70 | 3.0 | -10.0 | 2 | 0 | 0 | 2 | Gross errors |
| VCTV | 120 | 51 | 4.7 | -5.7 | 4 | 0 | 0 | 3 | Gross errors |
| VCTX * | 55 | 45 | 4.2 | -9.7 | 0 | 0 | 0 | 0 | Gross errors |
| VDRV * | 66 | 56 | 4.8 | -4.6 | 1 | 0 | 0 | 0 | Gross errors |
| VGJC | 92 | 34 | 6.8 | -7.0 | 2 | 0 | 0 | 2 | Gross errors |
| VGMV | 70 | 49 | 4.4 | -5.9 | 0 | 0 | 0 | 0 | Gross errors |
| VGNW * | 52 | 26 | 3.3 | -4.8 | 1 | 1 | 1 | 1 | Gross errors |
| VOPM * | 169 | 110 | 4.2 | -6.2 | 5 | 2 | 0 | 4 | Gross errors |
| VOXZ * | 88 | 87 | 0.0 | -12.5 | 0 | 0 | 0 | 0 | Gross errors; reporting in Pa ?? |
| VRUH6 * | 45 | 0 | 2.0 | 3.8 | 0 | 0 | 0 | 0 | Bias |
| VTCN | 62 | 0 | 2.9 | 7.8 | 1 | 1 | 1 | 1 | Bias |
| VVKJ | 44 | 5 | 1.9 | 6.0 | 0 | 0 | 2 | 0 | Bias |
| V2SA | 161 | 19 | 2.1 | -11.0 | 5 | 0 | 6 | 4 | Bias |
| WA5307 | 553 | 5 | 2.7 | -2.0 | 1 | 2 | 0 | 0 | Bias -5hPa from September |
| WBF2376 * | 77 | 1 | 3.6 | 3.1 | 0 | 0 | 0 | 0 | Bias +4hPa from August |
| WDZG | 55 | 0 | 1.0 | -5.0 | 0 | 0 | 2 | 0 | Bias |
| WRGJ | 109 | 105 | 1.9 | -12.2 | 2 | 1 | 1 | 2 | Gross errors |
| YJYS6 | 114 | 1 | 1.5 | 6.7 | 2 | 2 | 3 | 2 | Bias |
| YLBF * | 86 | 4 | 3.1 | 6.0 | 1 | 2 | 0 | 1 | Bias |
| 3ETG9 | 65 | 46 | 4.5 | 12.3 | 1 | 0 | 1 | 1 | Gross errors |
| 3EWJ9 * | 124 | 0 | 1.2 | 5.2 | 3 | 3 | 4 | 2 | Bias |
| 3FCU3 * | 78 | 0 | 2.3 | 6.2 | 0 | 0 | 0 | 0 | Bias |
| 3FGQ3 * | 132 | 0 | 1.2 | 6.6 | 4 | 0 | 4 | 0 | Bias |
| 3FTJ4 * | 106 | 0 | 1.4 | 9.2 | 1 | 0 | 2 | 0 | Bias |
| 3FZW * | 150 | 0 | 1.8 | 5.3 | 5 | 0 | 0 | 0 | Bias |
| 4XGT | 169 | 2 | 1.8 | -3.8 | 2 | 3 | 0 | 1 | Bias |
| 9VHU | 73 | 0 | 1.4 | 4.7 | 0 | 0 | 2 | 0 | Bias |
| 9VIH * | 251 | 0 | 1.6 | -5.4 | 5 | 3 | 5 | 4 | Bias |

**TABLE 4: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 3 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 1996.**

Column 1 Call sign or identifier.

Column 2 Number of pressure observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of pressure observations differing by more than 15 hPa from background (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of pressure observations.

*Notes*: 1. Units are hPa.

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| A8SF | 1 | 0 | 0.0 | 5.1 | Few reports |
| C6JV4 | 99 | 1 | 2.9 | 1.5 | No longer biased from November |
| C6LU3 | 89 | 2 | 4.2 | -0.7 | No longer biased |
| D9ZZ | 23 | 1 | 2.9 | 5.0 | Less than 40 reports; bias persists |
| ELIU2 | 30 | 0 | 1.2 | 4.3 | Less than 40 reports; bias persists |
| ELNG6 | 0 | | | | No reports |
| ELSS6 | 0 | | | | No reports |
| FNOV | 56 | 0 | 3.0 | 1.3 | No longer biased from September |
| INTERBER | 0 | | | | No reports |
| J8HF2 | 0 | | | | No reports |
| LACF4 | 14 | 1 | 2.9 | -4.8 | Less than 40 reports; bias persists |
| NODU | 10 | 1 | 1.8 | -0.5 | Less than 40 reports; no longer biased |
| OWVK2 | 39 | 0 | 2.4 | -3.4 | Less than 40 reports; bias persists |
| OZ2003 | 24 | 0 | 2.4 | -1.8 | Less than 40 reports; bias reduced |
| PPSL | 333 | 4 | 2.5 | 1.9 | Bias reduced |
| TFLE | 172 | 0 | 2.6 | -2.6 | No longer biased from August |
| UBXJ | 54 | 0 | 1.6 | -0.7 | No longer biased |
| UFYN | 12 | 0 | 1.8 | -0.4 | Less than 40 reports; no longer biased |
| UHVW | 18 | 0 | 1.0 | 4.0 | Less than 40 reports; bias persists |
| UJJR | 0 | | | | No reports |
| UKGT | 0 | | | | No reports |
| UOVE | 11 | 0 | 1.2 | -5.5 | Less than 40 reports; bias persists |
| UPUA | 0 | | | | No reports |
| UTTT | 37 | 1 | 2.2 | -4.8 | Less than 40 reports; bias persists |
| VCGQ | 0 | | | | No reports |
| VDLC | 111 | 17 | 5.3 | 0.7 | Bias reduced from October |
| VGNW | 0 | | | | No reports |
| V2QU | 116 | 0 | 2.9 | -2.2 | Bias reduced |
| WEABKAC | 0 | | | | No reports |

Continued →

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| WRA7927 | 46 | 0 | 2.4 | 1.5 | Gross errors now ceased |
| YLAQ | 107 | 2 | 1.7 | 0.9 | No longer biased |
| 3EAY5 | 0 | | | | No reports |
| 3ESE9 | 190 | 0 | 2.4 | 7.6 | No longer biased from December |
| 3ETA5 | 42 | 0 | 3.6 | 1.9 | No longer biased from December |
| 3EYY8 | 151 | 2 | 1.9 | -0.3 | No longer biased |
| 9MBQ6 | 242 | 28 | 3.7 | -2.3 | No longer biased from August |
| 9VOP | 131 | 0 | 2.5 | -2.6 | No longer biased from November |

## TABLE 5: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT WIND SPEED OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier.

Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms$^{-1}$ (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of wind speed observations.

*Notes*:

1. Units are ms$^{-1}$.
2. Observing platforms marked with an asterisk were listed in the previous report (January to June 1996)
3. Column 9 (Washington) covers the period July-November 1996 only.

**Table 5a: Platforms reporting in BUOY code**

*i): Platforms **non-operational** at the end of the reporting period*

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 44775 | 85 | 10 | 4.8 | 12.2 | 1 | 1 | 0 | 1 | Bias |
| 91722 * | 107 | 0 | 2.4 | -6.0 | 2 | 1 | 0 | 2 | Bias |

*ii): Platforms **operational** at the end of the reporting period*

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 44513 | 1219 | 0 | 2.7 | -5.6 | 4 | 4 | 4 | 4 | Bias |
| 44776 | 1338 | 6 | 5.0 | -3.1 | 1 | 1 | 1 | 0 | Bias -11 m s$^{-1}$ from December |
| 46558 | 362 | 0 | 2.6 | -5.7 | 4 | 3 | 3 | 5 | Bias |

**Table 5b: Platforms reporting in SHIP code**

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| DQQQ | 71 | 0 | 4.4 | 5.3 | 2 | 1 | 0 | 0 | Bias |
| FNZD | 387 | 0 | 4.0 | 3.3 | 2 | 0 | 2 | 0 | Bias + 7 m $s^{-1}$ from October |
| GHMA | 263 | 0 | 3.0 | -5.0 | 3 | 1 | 4 | 4 | Bias |
| KSLB | 52 | 0 | 4.1 | 6.4 | 0 | 0 | 0 | 0 | Bias |
| OZIA * | 265 | 1 | 6.5 | 5.4 | 1 | 1 | 2 | 0 | Rather erratic |
| PJRJ | 59 | 0 | 6.2 | 7.3 | 1 | 1 | 0 | 2 | Bias; rather erratic |
| PJVY | 124 | 2 | 4.9 | 7.5 | 2 | 3 | 3 | 2 | Bias |
| VRUZ7 | 45 | 1 | 4.0 | 7.6 | 0 | 0 | 1 | 0 | Bias |
| 3FCU3 | 78 | 0 | 3.9 | -4.5 | 0 | 0 | 0 | 0 | Bias -6 m $s^{-1}$ from September |
| 9MTZ * | 99 | 0 | 4.1 | 5.7 | 2 | 2 | 2 | 2 | Bias |

**TABLE 6: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 5 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 1996.**

Column 1 Call sign or identifier.

Column 2 Number of wind speed observations available for monitoring over the 6-month period, excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms$^{-1}$ (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of wind speed observations.

*Notes*: 1. Units are ms-1.

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| C6LC4 | 82 | 0 | 3.0 | 4.4 | Bias reduced |
| DQQC | 0 | | | | No reports |
| DYZJ | 190 | 2 | 5.5 | 4.3 | Less erratic |
| D9SF | 48 | 0 | 3.0 | 3.5 | Bias reduced |
| FNNK | 502 | 0 | 3.1 | 2.4 | No longer biased; less erratic |
| LXAP | 0 | | | | No reports |
| SQBG | 0 | | | | No reports |
| VJBE | 0 | | | | No reports |
| VRUP7 | 19 | 0 | 3.3 | 4.0 | Less than 40 reports; bias reduced |
| XYKX | 95 | 0 | 3.1 | 4.4 | Bias reduced |
| 3FOO5 | 49 | 0 | 6.0 | 5.2 | No longer biased from December |
| 5MCB | 67 | 0 | 4.0 | 3.8 | Bias reduced |
| 9MSM | 144 | 0 | 4.8 | 4.3 | No longer biased from September |
| 9VPP | 73 | 0 | 3.1 | 1.8 | No longer biased |

## TABLE 7: LIST OF MARINE OBSERVING PLATFORMS PRODUCING SUSPECT WIND DIRECTION OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 1996.

Column 1 Call sign or identifier.

Column 2 Number of wind direction observations available for monitoring over the 6-month period,excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms$^{-1}$ (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Columns 6-9 Number of times observing platform has appeared on suspect lists. B=Bracknell, E=ECMWF, T=Tokyo, W=Washington.

Column 10 Comments on quality of wind direction observations.

*Notes:*

1. Units are degrees ( ° ).
2. Observing platforms marked § had a significant bias at some time within the period and the statistics and their plots refer to direction reports associated with background wind speeds greater than 5 ms$^{-1}$. If no significant speed bias was present the statistics and plots refer to direction reports with an observed speed greater than 5 ms$^{-1}$.
3. Observing platforms marked with an asterisk were listed in the previous report (January to June 1996)
4. Column 9 (Washington) covers the period July-November 1996 only.

**Table 7a: Platforms reporting in BUOY code**

*i): Platforms **non-operational** at the end of the reporting period*

| Ident. | | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|---|
| 64516 | | 623 | 0 | 58.0 | -25.1 | 1 | 1 | 0 | 0 | Bias -120° from November |
| 91722 | § | 84 | 0 | 58.3 | -45.3 | 1 | 0 | 0 | 1 | Bias -90° from November |

*ii): Platforms **operational** at the end of the reporting period*

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| 43001 | 337 | 0 | 68.2 | 19.1 | 0 | 0 | 0 | 0 | Erratic |
| 51307 | 360 | 0 | 71.2 | 26.7 | 0 | 0 | 0 | 0 | Erratic |
| 53549 | 223 | 1 | 63.6 | -0.4 | 0 | 0 | 0 | 1 | Erratic |

**Table 7b: Platforms reporting in SHIP code**

| Ident. | N Obs. | NGE | SD | Bias | B | E | T | W | Comments |
|---|---|---|---|---|---|---|---|---|---|
| BHFN | 47 | 0 | 67.7 | 4.3 | 0 | 0 | 0 | 0 | Erratic |
| HZXS | 111 | 2 | 62.9 | -2.3 | 0 | 0 | 0 | 0 | Erratic |
| VLN4720 | 41 | 0 | 35.2 | 42.5 | 1 | 1 | 1 | 2 | Bias |
| 44153 | 111 | 0 | 39.8 | -31.6 | 1 | 2 | 2 | 2 | Bias |
| 9MTZ § | 86 | 0 | 65.8 | 10.9 | 0 | 0 | 0 | 0 | Erratic |

**TABLE 8: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 7 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 1996.**

Column 1 Call sign or identifier.

Column 2 Number of wind direction observations available for monitoring over the 6-month period,excluding duplicates, but including any observations with gross errors.

Column 3 Number of wind observations with vector difference from background of more than 25ms$^{-1}$ (gross error).

Column 4 Standard deviation of observation-minus-background differences excluding cases of gross error.

Column 5 Mean of observation-minus-background differences (bias) excluding cases of gross error.

Column 6 Comments on quality of wind direction observations.

*Notes:* 1. Units are degrees ( ° ).

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| FNKA | 68 | 1 | 54.3 | -12.2 | Less erratic |
| UOPQ | 0 | | | | No reports |
| XXX4QVU | 0 | | | | No reports |
| 3EEC6 | 71 | 0 | 41.4 | -2.8 | Less erratic |

**TABLE 9: LIST OF MARINE OBSERVING PLATFORMS REPORTING SUSPECT SEA-SURFACE TEMPERATURE OBSERVATIONS OVER THE PERIOD JULY TO DECEMBER 1996.**

Column 1 Call sign or identifier

Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.

Column 3 Number of sea surface temperature observations differing by more than 5°C from the analysis (gross errors).

Column 4 Standard deviation of observation-minus-analysis differences excluding cases of gross error.

Column 5 Mean of observation-minus-analysis differences excluding cases of gross error.

Column 6 Comments on quality of sea surface temperature observations.

*Notes:*

1. Units are °C.
2. Observing platforms marked with an asterisk were listed in the previous report (January to June 1996)

**Table 9a: Platforms reporting in BUOY code**

*i): Platforms **non-operational** at the end of the reporting period*

| Ident. | | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|---|
| 21571 | | 2230 | 215 | 2.7 | 0.6 | Parallel O-A traces - collecting centre problem? |
| 23913 | * | 163 | 126 | 2.2 | 3.5 | Gross errors |
| 33576 | | 107 | 8 | 1.1 | 3.5 | Bias |
| 43903 | | 42 | 6 | 0.4 | 4.3 | Bias |
| 44501 | | 209 | 68 | 0.9 | -3.6 | Gross errors; bias -7 °C from mid July |
| 44505 | | 243 | 87 | 1.2 | 0.2 | Gross errors; bias +9 °C from mid July |
| 44507 | | 218 | 0 | 0.8 | 3.2 | Bias |
| 44512 | | 89 | 86 | 0.8 | 3.9 | Gross errors |
| 44850 | | 120 | 0 | 0.0 | 4.7 | Bias |
| 44912 | | 118 | 30 | 1.9 | -0.8 | Gross errors |
| 44917 | | 306 | 40 | 0.0 | 4.6 | Bias |
| 44918 | | 317 | 0 | 0.3 | 4.4 | Bias |
| 44919 | | 277 | 125 | 0.3 | 4.7 | Gross errors; bias |
| 44923 | | 212 | 195 | 0.0 | 4.7 | Gross errors; bias |
| 44924 | | 213 | 32 | 0.0 | 4.6 | Bias |
| 44925 | | 282 | 6 | 0.0 | 4.5 | Bias |
| 46556 | | 299 | 153 | 2.2 | -1.0 | Gross errors |
| 46736 | * | 75 | 0 | 0.2 | 4.0 | Bias |
| 46954 | | 234 | 234 | **** | **** | Gross errors; bias -9 °C |
| 46964 | | 625 | 111 | 2.4 | -1.8 | Erratic |
| 48559 | * | 218 | 21 | 0.9 | 3.5 | Bias |
| 51592 | | 274 | 152 | 0.6 | 0.1 | Gross errors from October |
| 53546 | | 65 | 65 | **** | **** | Gross errors; bias + 16 °C |

Continued →

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| 54933 * | 225 | 19 | 0.8 | -3.7 | Bias -5 ºC from September |
| 56503 | 52 | 52 | **** | **** | Gross errors; bias +18 ºC |
| 61506 | 176 | 70 | 2.1 | 0.2 | Erratic |
| 61518 | 169 | 110 | 2.6 | 0.1 | Gross errors; erratic |
| 66509 | 1070 | 447 | 1.8 | 1.8 | Gross errors |

*ii): Platforms* ***operational*** *at the end of the reporting period*

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| 21523 * | 892 | 228 | 1.3 | 1.2 | Gross errors; bias -6 ºC from December |
| 21528 | 1023 | 448 | 1.2 | 0.0 | Gross errors; erratic from December |
| 23501 | 90 | 55 | 2.6 | -1.7 | Gross errors; erratic |
| 41918 | 80 | 0 | 0.6 | -2.8 | Bias |
| 61514 | 486 | 142 | 2.1 | -0.2 | Gross errors; erratic |

**Table 9b: Platforms reporting in SHIP code**

| Ident. | | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|---|
| CGJY | | 132 | 73 | 1.1 | -3.7 | Gross errors |
| C6BT8 | * | 201 | 40 | 1.2 | -3.0 | Bias |
| C6JN | | 65 | 1 | 0.7 | 3.0 | Bias |
| C6KJ5 | | 217 | 22 | 1.1 | 2.4 | Bias |
| DEFA | * | 151 | 2 | 0.8 | -2.6 | Bias |
| DIDT | | 121 | 12 | 1.1 | -3.1 | Bias |
| DNGB | * | 82 | 9 | 0.8 | -3.2 | Bias |
| DULR | * | 94 | 35 | 2.1 | 3.7 | Gross errors; bias |
| DURY | | 94 | 3 | 0.8 | 2.6 | Bias |
| DVDM | | 175 | 10 | 0.9 | 3.1 | Bias |
| DVYE | | 162 | 2 | 1.0 | -2.5 | Bias |
| DZDI | | 81 | 3 | 1.0 | -2.5 | Bias |
| ELBG9 | * | 236 | 8 | 0.8 | -2.9 | Bias |
| ELOT8 | | 59 | 29 | 1.0 | -3.3 | Gross errors; bias |
| ELRR5 | | 140 | 42 | 1.9 | -0.4 | Gross errors |
| ELRV2 | | 91 | 1 | 1.0 | 2.4 | Bias |
| ELRY5 | | 69 | 27 | 1.9 | 2.4 | Gross errors; bias |
| EVKA | | 70 | 11 | 1.3 | 3.2 | Bias |
| FNVP | | 186 | 3 | 1.0 | 2.6 | Bias |
| JADY | * | 192 | 5 | 1.0 | 3.3 | Bias |
| JFCX | | 86 | 40 | 1.1 | -3.3 | Gross errors; bias |
| JNVU | | 72 | 0 | 0.5 | 2.6 | Bias |
| KGJB | | 110 | 72 | 0.6 | -3.6 | Gross errors |
| KIOH | * | 131 | 8 | 1.3 | -3.1 | Bias |
| KLKZ | * | 110 | 4 | 1.2 | 2.5 | Bias |
| KNFG | * | 145 | 15 | 0.6 | -3.9 | Bias |
| KRJF | | 56 | 0 | 0.4 | 2.7 | Bias |
| KSPH | | 201 | 7 | 1.1 | -2.3 | Bias |
| LADN4 | | 87 | 50 | 2.0 | -0.4 | Gross errors |
| LADR4 | * | 195 | 6 | 0.7 | 3.2 | Bias |
| NFMK | * | 120 | 17 | 1.2 | 4.1 | Bias |
| NHNC | | 167 | 47 | 2.6 | 1.0 | Gross errors + bias +5 °C from November |
| NJPJ | * | 93 | 15 | 1.2 | -3.0 | Bias |
| PFKV | | 73 | 7 | 1.3 | 2.8 | Bias |
| PJSB | | 93 | 4 | 1.3 | 2.3 | Bias |
| UBAW | | 46 | 18 | 1.1 | -4.3 | Gross errors; bias |
| UCOJ | | 57 | 15 | 1.2 | -2.9 | Gross errors |
| URBX | * | 50 | 10 | 1.3 | -2.7 | Bias |
| URHJ | | 138 | 42 | 0.9 | -3.9 | Gross errors |
| URMI | * | 81 | 4 | 1.5 | -2.3 | Bias |

Continued →

| Ident. | | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|---|
| VOLG | * | 1243 | 1100 | 0.7 | -3.8 | Gross errors; bi-weekly cycle |
| VOSR | | 181 | 80 | 1.7 | 2.4 | Gross errors |
| VRSC | * | 328 | 10 | 0.9 | -3.2 | Bias |
| VRUV8 | | 117 | 4 | 0.9 | 3.2 | Bias |
| VRVA7 | | 122 | 24 | 2.5 | 1.5 | Bias +3 °C from September |
| VRVB9 | | 173 | 17 | 0.8 | 2.6 | Bias |
| V20E | | 59 | 1 | 0.8 | -3.0 | Bias |
| WCJY | * | 115 | 9 | 0.9 | 3.3 | Bias |
| WRGY | | 47 | 1 | 1.0 | -2.5 | Bias |
| WZP8164 | | 465 | 125 | 2.8 | 0.8 | Gross errors; somewhat erratic |
| XCMG | | 184 | 50 | 2.0 | -1.3 | Gross errors |
| ZCBD4 | | 147 | 18 | 1.8 | -2.2 | Bias |
| 3DRV | * | 213 | 3 | 0.9 | 2.9 | Bias |
| 3EJB9 | * | 67 | 1 | 0.6 | 3.5 | Bias |
| 3EKL8 | | 145 | 8 | 0.8 | 3.0 | Bias |
| 3EPB6 | | 124 | 14 | 1.4 | 2.9 | Bias |
| 3EZL3 | * | 73 | 19 | 1.4 | 2.7 | Gross errors; bias |
| 3FEI5 | | 99 | 25 | 1.2 | -2.7 | Gross errors; bias |
| 3FWI3 | | 139 | 39 | 1.0 | 2.7 | Gross errors; bias |
| 3FZJ3 | | 60 | 27 | 1.8 | 1.1 | Gross errors from September |
| 44011 | | 4448 | 92 | 0.8 | -2.5 | Bias |
| 45144 | | 938 | 526 | 2.1 | 3.1 | Gross errors; bias drift |
| 46050 | | 469 | 72 | 1.3 | -3.1 | Bias |
| 62129 | * | 111 | 110 | 0.0 | -0.5 | Gross errors |
| 63111 | | 557 | 202 | 1.5 | -1.9 | Gross errors |
| 9KKS | | 205 | 9 | 0.9 | -3.3 | Bias |
| 9MBG3 | | 131 | 19 | 1.3 | 2.5 | Bias |
| 9VHJ | | 121 | 33 | 1.6 | -1.0 | Gross errors + bias -5 °C from October |
| 9VOP | * | 106 | 5 | 1.3 | 2.1 | Bias |

## TABLE 10: LIST OF PLATFORMS REPORTING IN SHIP CODE NOT APPEARING IN TABLE 9 BUT LISTED AS SUSPECT OVER THE PERIOD JANUARY TO JUNE 1996.

Column 1 Call sign or identifier

Column 2 Number of sea-surface temperature observations available for monitoring over the 6-month period, including any observations with gross errors.

Column 3 Number of sea surface temperature observations differing by more than 5°C from the analysis (gross errors).

Column 4 Standard deviation of observation-minus-analysis differences excluding cases of gross error.

Column 5 Mean of observation-minus-analysis differences excluding cases of gross error.

Column 6 Comments on quality of sea surface temperature observations.

*Notes:* 1. Units are °C.

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| CG2564 | 43 | 0 | 1.6 | -0.9 | Gross errors now ceased |
| C6IO9 | 63 | 11 | 1.9 | 1.0 | No longer biased |
| C6JY7 | 297 | 155 | 1.0 | -0.2 | Gross errors ceased from November |
| C6MP9 | 0 | | | | No reports |
| DEAL | 19 | 0 | 0.7 | -2.9 | Less than 40 reports; bias persists |
| DUZH | 24 | 16 | 0.8 | 3.9 | Less than 40 reports; gross errors + bias persist |
| D5ND | 0 | | | | No reports |
| ELRP4 | 8 | 0 | 1.6 | 1.8 | Few reports |
| EUJV | 316 | 41 | 1.5 | 1.4 | No longer biased from November |
| GXHN | 145 | 4 | 0.8 | 1.2 | No longer biased |
| HP7702 | 76 | 0 | 1.4 | -0.1 | Gross errors now ceased |
| JBGY | 0 | | | | No reports |
| JMER | 0 | | | | No reports |
| J4LX | 0 | | | | No reports |
| KRGC | 240 | 2 | 1.1 | -0.3 | No longer biased |
| KRNJ | 72 | 2 | 1.7 | 0.9 | No longer biased |
| LATF2 | 6 | 1 | 0.5 | 3.7 | Few reports |
| LAWS2 | 61 | 0 | 1.3 | 0.5 | Gross errors now ceased |
| LF3F | 1063 | 366 | 0.3 | 0.0 | Gross errors ceased from September |
| OU24 | 72 | 2 | 0.8 | -0.2 | No longer biased |
| OXRO2 | 125 | 2 | 1.5 | 1.3 | No longer biased |
| PDYX | 253 | 2 | 1.1 | 0.3 | No longer biased from August |
| PEOD | 88 | 2 | 1.4 | 0.7 | No longer biased |
| PFWZ | 403 | 4 | 1.3 | 0.5 | No longer biased from August |
| PPXU | 86 | 0 | 1.0 | 0.6 | No longer biased |
| SWPJ | 0 | | | | No reports |
| SYRT | 15 | 10 | 2.3 | 0.0 | Less than 40 reports; gross errors persist |
| S6ES | 0 | | | | No reports |
| UAMX | 21 | 1 | 1.1 | -1.4 | Less than 40 reports; no longer biased |
| UERN | 76 | 4 | 1.3 | 1.3 | Gross errors now ceased |

Continued →

| Ident. | N Obs. | NGE | SD | Bias | Comments |
|---|---|---|---|---|---|
| UJCQ | 181 | 1 | 0.7 | 0.9 | No longer biased |
| ULCJ | 189 | 13 | 1.8 | 0.0 | Gross errors now ceased; less erratic |
| UNFW | 152 | 7 | 2.0 | -1.2 | Less erratic from October |
| USZQ | 294 | 6 | 1.4 | -0.6 | No longer biased |
| UULU | 28 | 14 | 2.4 | -2.5 | Less than 40 reports; gross errors |
| UVAG | 193 | 8 | 0.9 | 0.6 | No longer biased |
| VCTD | 136 | 6 | 1.6 | 0.9 | No longer biased |
| VJIK | 21 | 2 | 1.0 | -2.1 | Less than 40 reports; bias reduced |
| VKAV | 23 | 5 | 0.9 | -2.4 | Less than 40 reports; gross errors ceased |
| VRUG6 | 0 | | | | No reports |
| VRUR6 | 272 | 67 | 1.9 | -0.8 | No longer biased from November |
| WCF3012 | 297 | 42 | 2.4 | 1.1 | No longer biased from October |
| WE3806 | 302 | 21 | 2.2 | 0.2 | No longer biased; less erratic from October |
| WFGV | 31 | 0 | 1.3 | -0.6 | Less than 40 reports; gross errors + bias ceased |
| WF2560 | 100 | 12 | 1.6 | 1.4 | Less erratic |
| WJBG | 29 | 2 | 0.9 | -2.0 | Less than 40 reports; bias reduced |
| XCKX | 152 | 28 | 1.7 | 1.6 | No longer biased |
| XCMM | 27 | 27 | **** | **** | Less than 40 reports; gross errors persist |
| YLAS | 11 | 1 | 0.9 | -3.3 | Less than 40 reports; bias persists |
| ZCAV6 | 401 | 1 | 0.8 | -2.2 | Bias reduced |
| ZCAW7 | 26 | 4 | 1.9 | -0.4 | Less than 40 reports; no longer erratic |
| ZTRY | 44 | 5 | 1.0 | 0.0 | Gross errors now ceased |
| 3ESM4 | 0 | | | | No reports |
| 3EUO6 | 0 | | | | No reports |
| 3FAK5 | 34 | 26 | 1.6 | 3.1 | Less than 40 reports; gross errors persist |
| 3FFG3 | 113 | 4 | 1.2 | 0.4 | Gross errors + bias ceased |
| 3FKE2 | 32 | 2 | 1.4 | 2.9 | Less than 40 reports; bias persists |
| 3FMA4 | 0 | | | | No reports |
| 3FOC | 13 | 7 | 0.9 | 3.7 | Less than 40 reports; bias persists |
| 44140 | 2358 | 79 | 2.2 | 0.3 | Gross errors now ceased; less erratic |
| 45008 | 1139 | 37 | 1.2 | -1.4 | No longer biased |
| 9MBE2 | 35 | 10 | 1.3 | 1.8 | Less than 40 reports; no longer biased |
| 9MBK | 128 | 0 | 0.7 | 0.7 | No longer biased from September |
| 9MBK8 | 203 | 2 | 1.0 | 0.7 | No longer biased from September |
| 9MWG | 92 | 14 | 1.4 | -1.6 | Bias reduced |
| 9VYK | 0 | | | | No reports |

**Figure 1: Number of observations of pressure received at Bracknell on the GTS for each of the six-month periods covered by the WMO reports on the quality of marine observations**

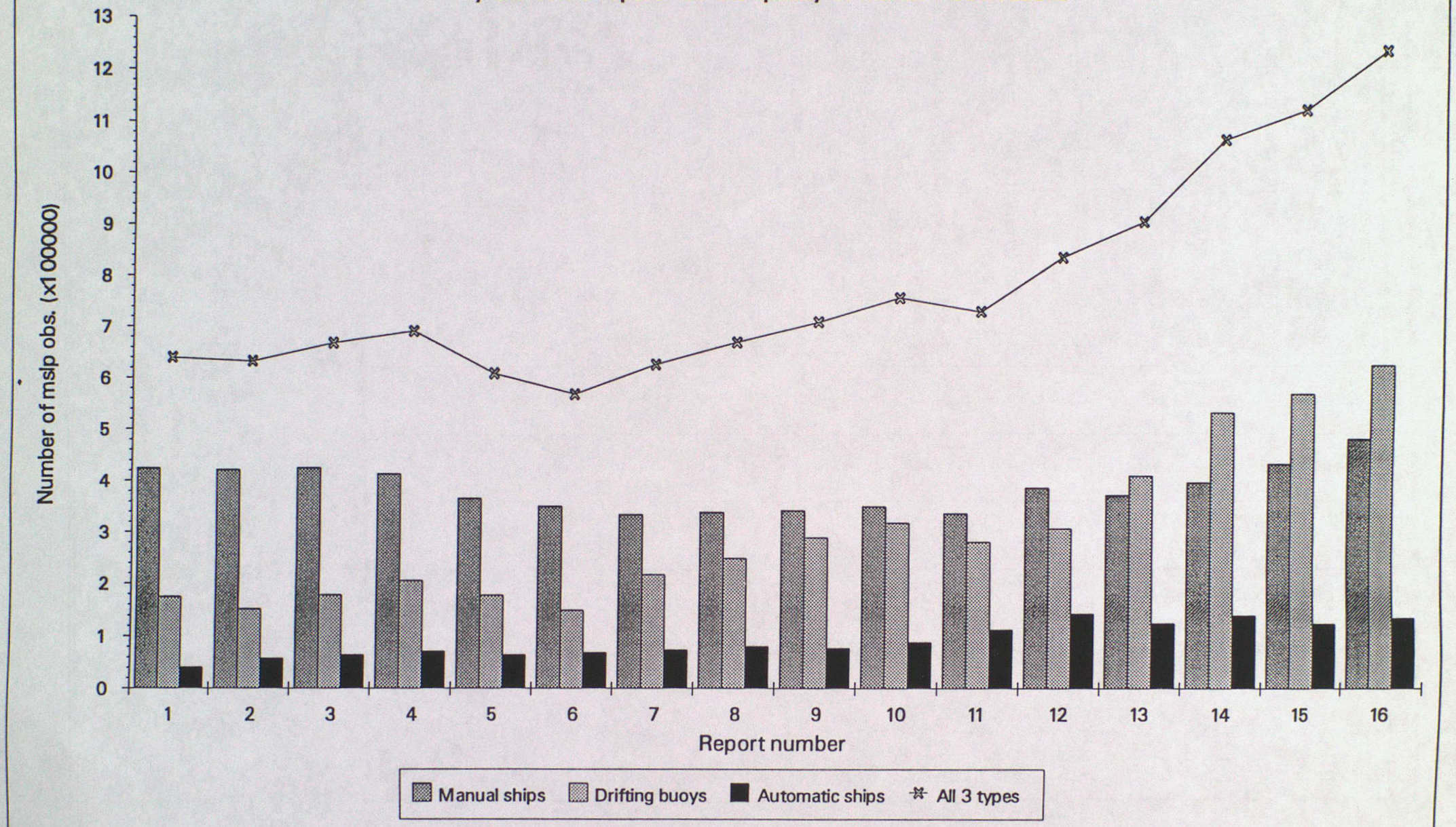
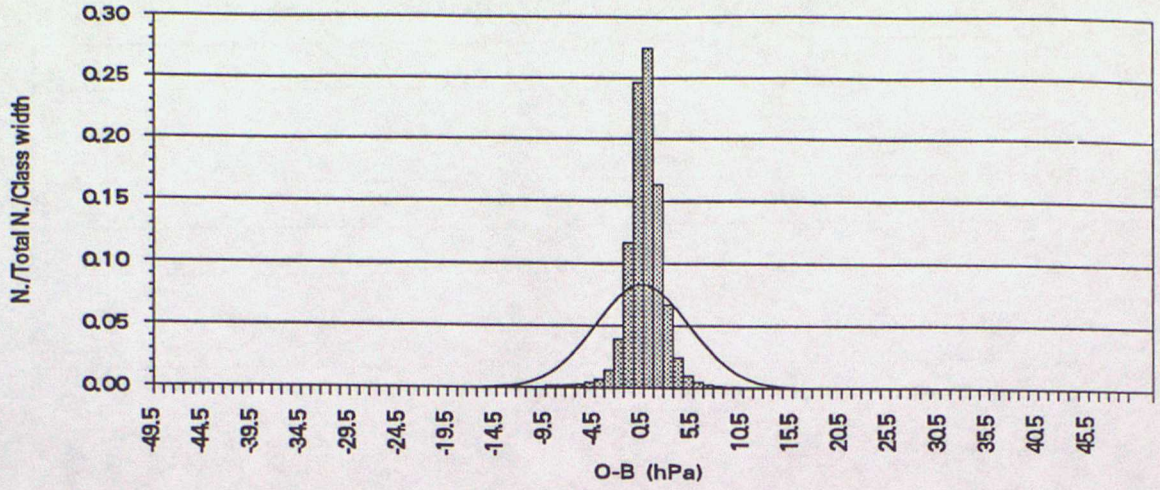
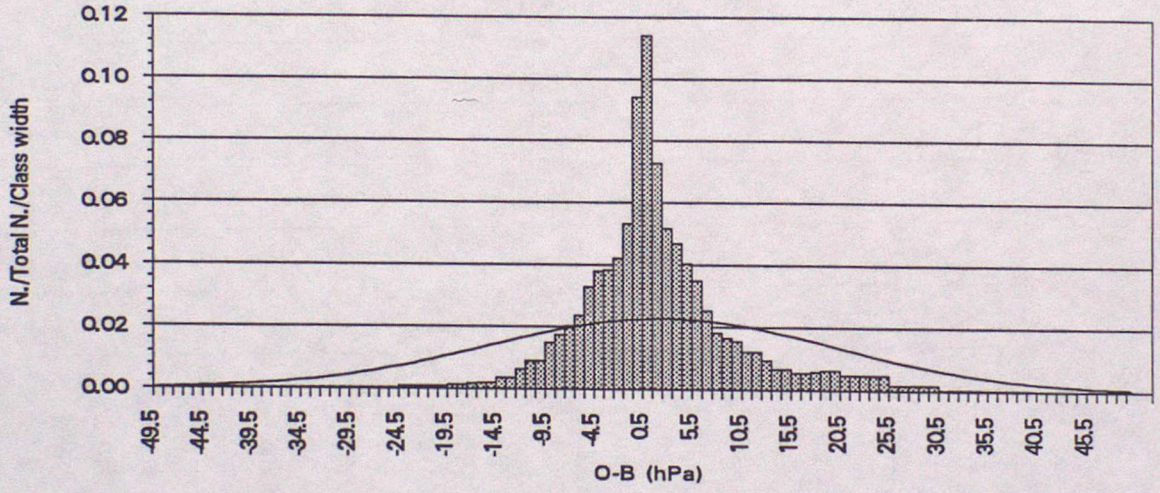


Figure 2a: Distribution of ship O-B pressure (hPa)
Period of data: Jul-Dec 1996 Data used: All observations



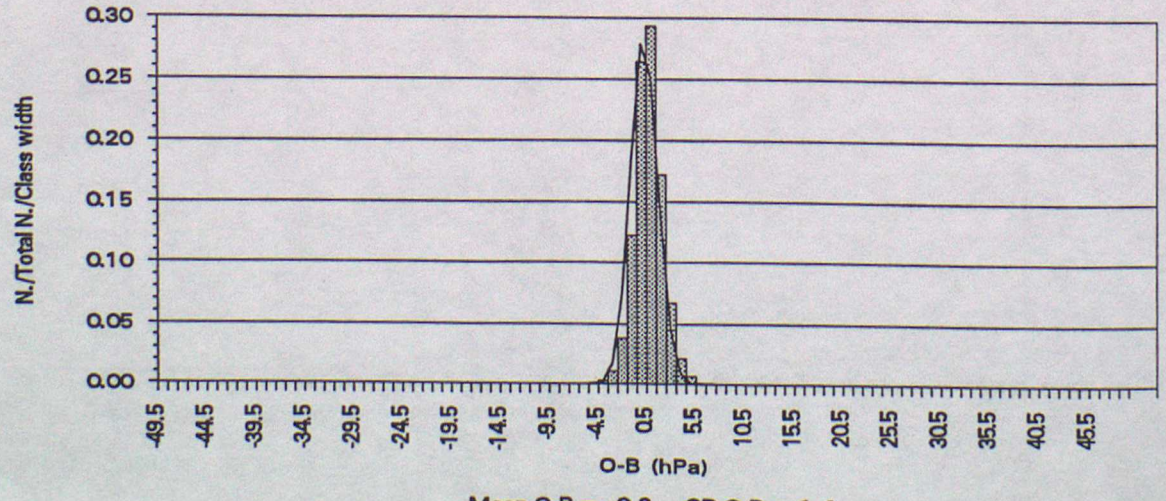

Mean O-B = -0.1 SD O-B = 4.8

Figure 2b: Distribution of ship O-B pressure (hPa)
Period of data: Jul-Dec 1996 Data used: Flagged observations



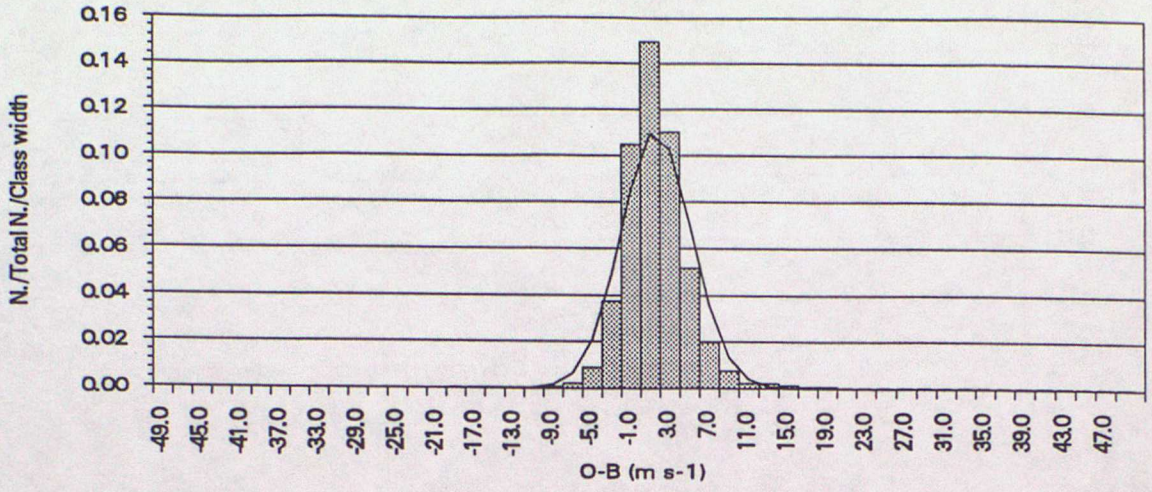

Mean O-B = 0.9 SD O-B = 17.6

Figure 2c: Distribution of ship O-B pressure (hPa)
Period of data: Jul-Dec 1996 Data used: Unflagged observations



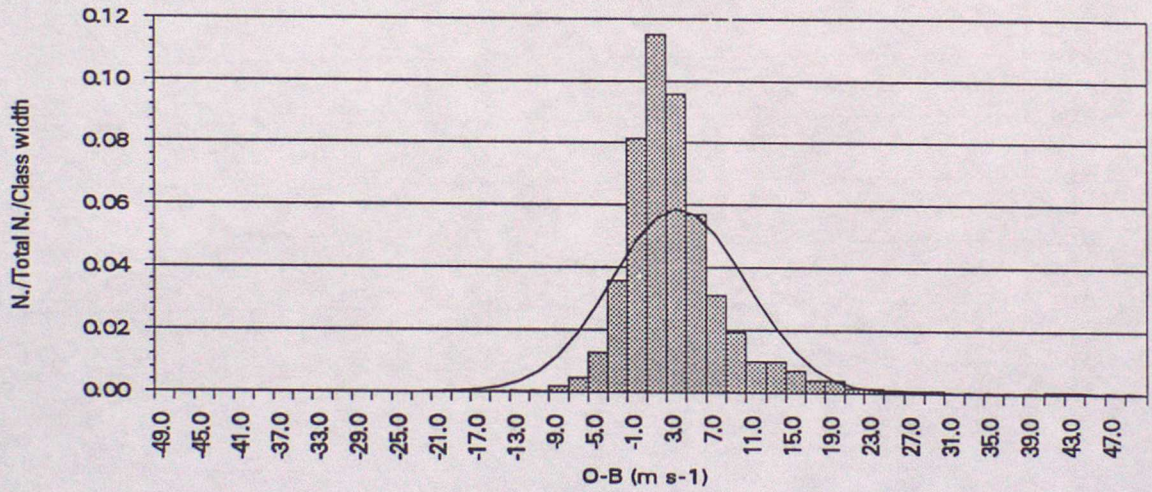

Mean O-B = -0.2 SD O-B = 1.4

Figure 2d: Distribution of ship O-B wind speed (m s-1)
Period of data: Jul-Dec 1996 Data used: All observations



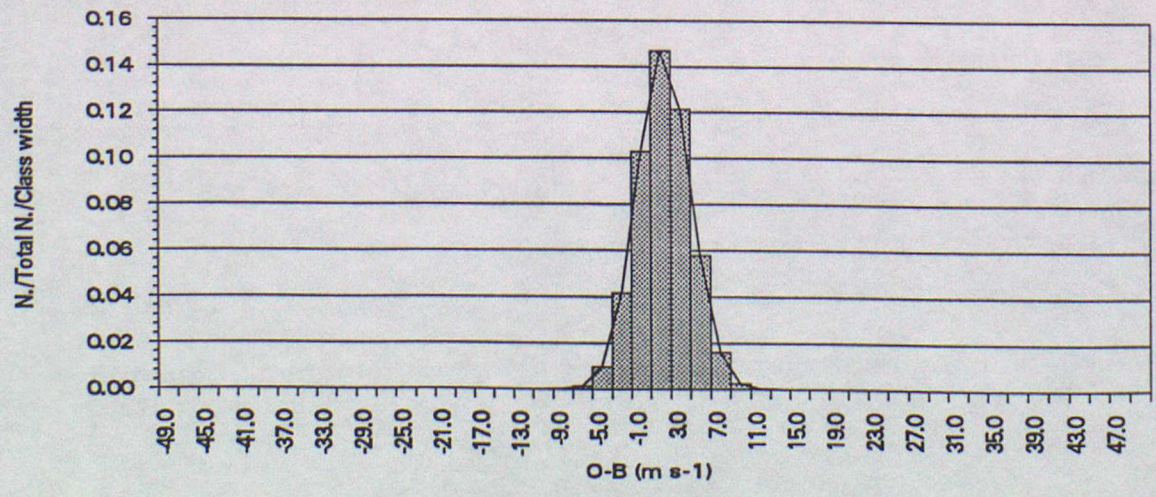

Mean O-B = 1.6 SD O-B = 3.6

Figure 2e: Distribution of ship O-B wind speed (m s-1)
Period of data: Jul-Dec 1996 Data used: Flagged observations



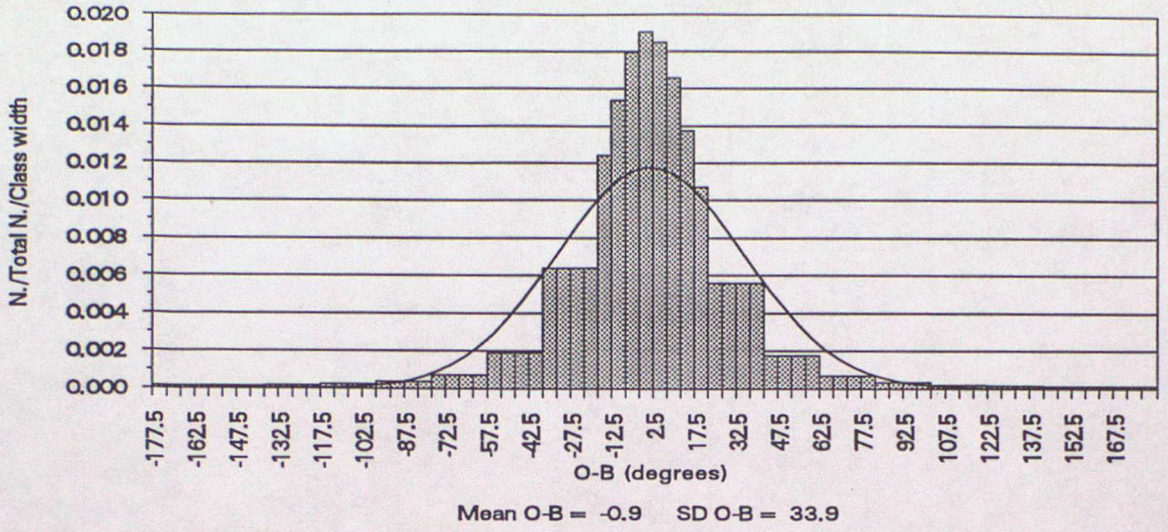

Mean O-B = 3.2 SD O-B = 6.8

Figure 2f: Distribution of ship O-B wind speed (m s-1)
Period of data: Jul-Dec 1996 Data used: Unflagged observations



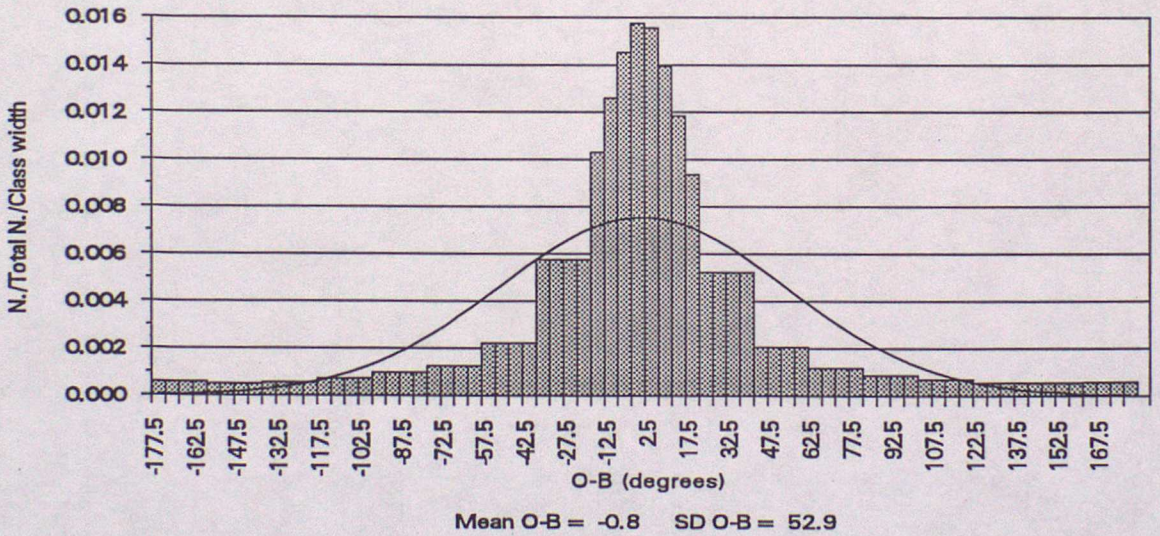

Mean O-B = 1.3 SD O-B = 2.7

**Figure 2g: Distribution of ship O-B wind direction (degrees)**
**Period of data: Jul-Dec 1996 Data used: All observations**



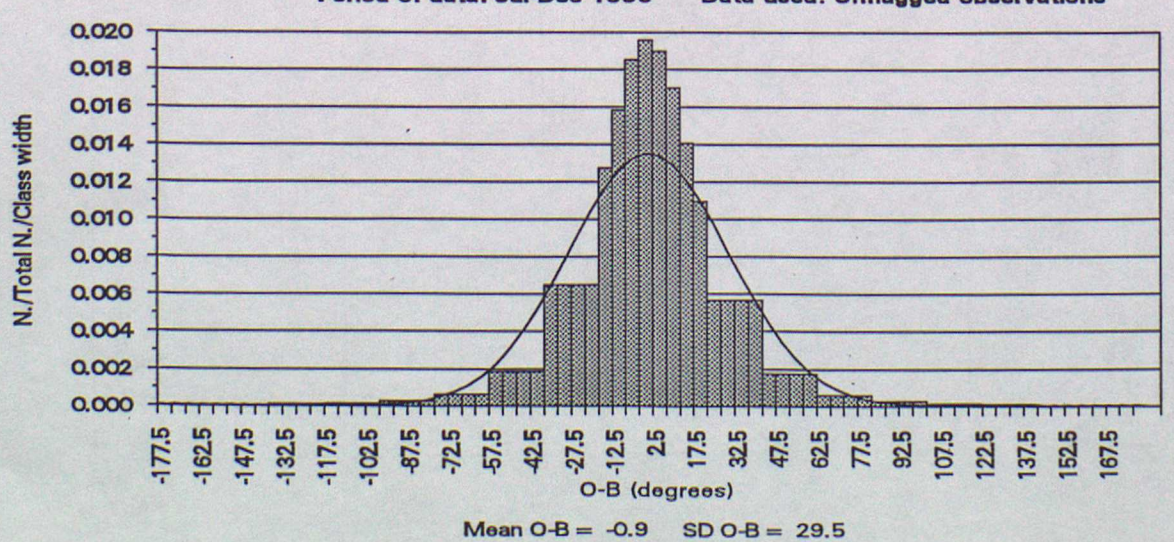

Mean O-B = -0.9 SD O-B = 33.9

**Figure 2h: Distribution of ship O-B wind direction (degrees)**
**Period of data: Jul-Dec 1996 Data used: Flagged observations**




Mean O-B = -0.8 SD O-B = 52.9

**Figure 2j: Distribution of ship O-B wind direction (degrees)**
**Period of data: Jul-Dec 1996 Data used: Unflagged observations**




Mean O-B = -0.9 SD O-B = 29.5

FIG 3: BIAS OF SHIP PRESSURE O–B. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 0.5 HPA

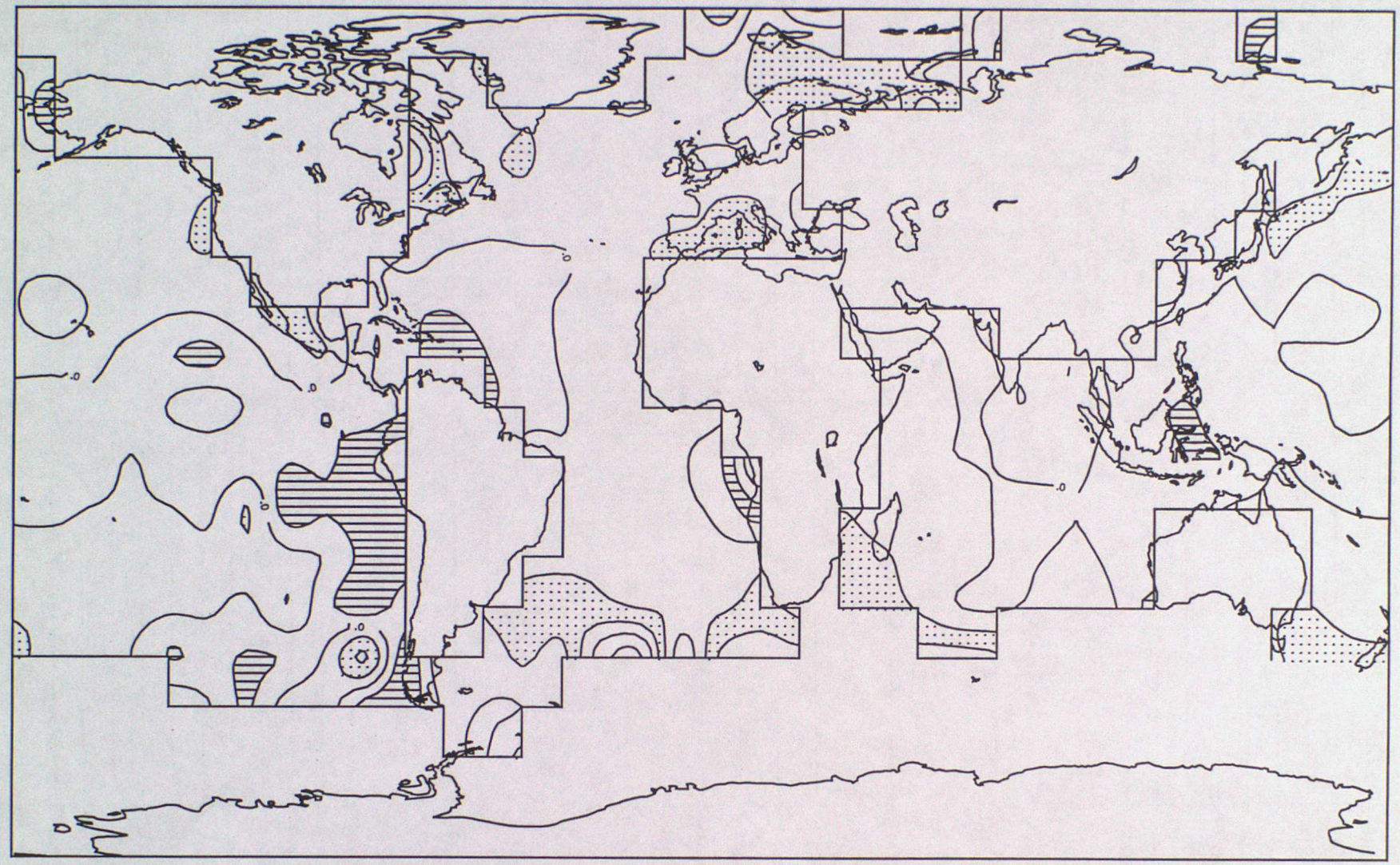


FIG 4: S.D. OF SHIP PRESSURE O–B. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 2.0HPA

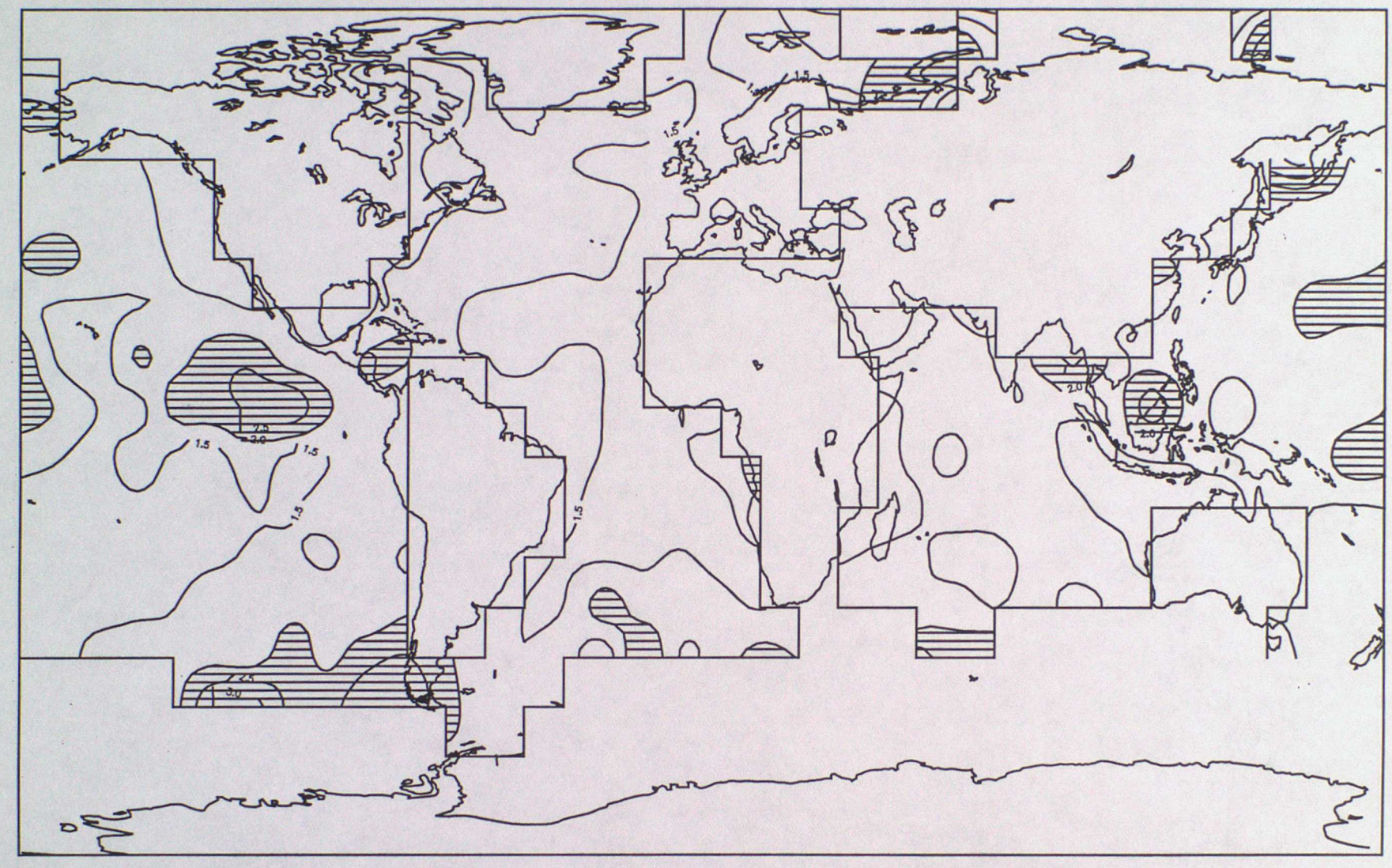


FIG 5:
PLOT OF NUMBER OF SHIP PRESSURE OBS. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

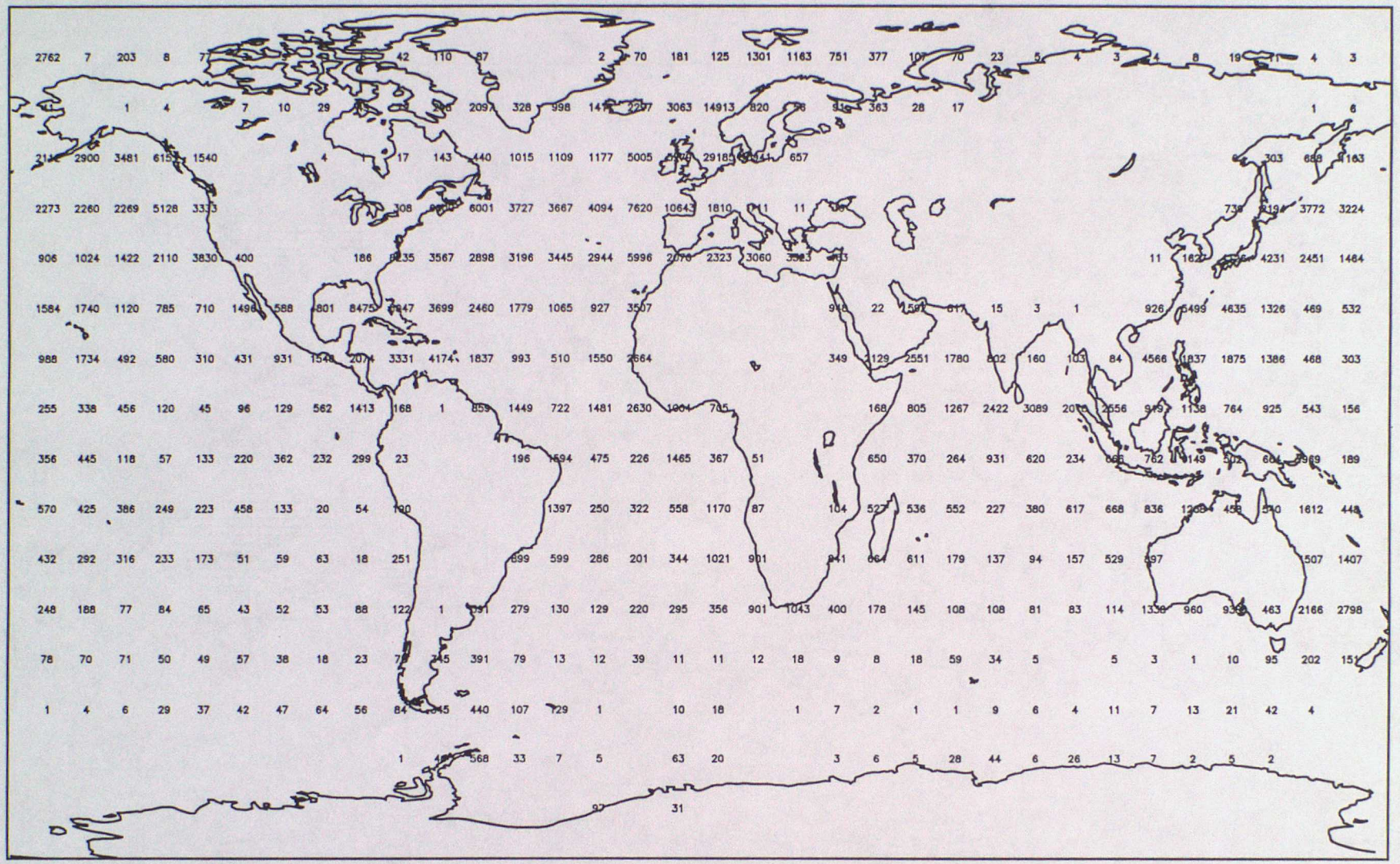


FIG 6: BIAS OF SHIP O-B WIND SPEED IN MS-1. DATE:- JULY - DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 2.0MS-1

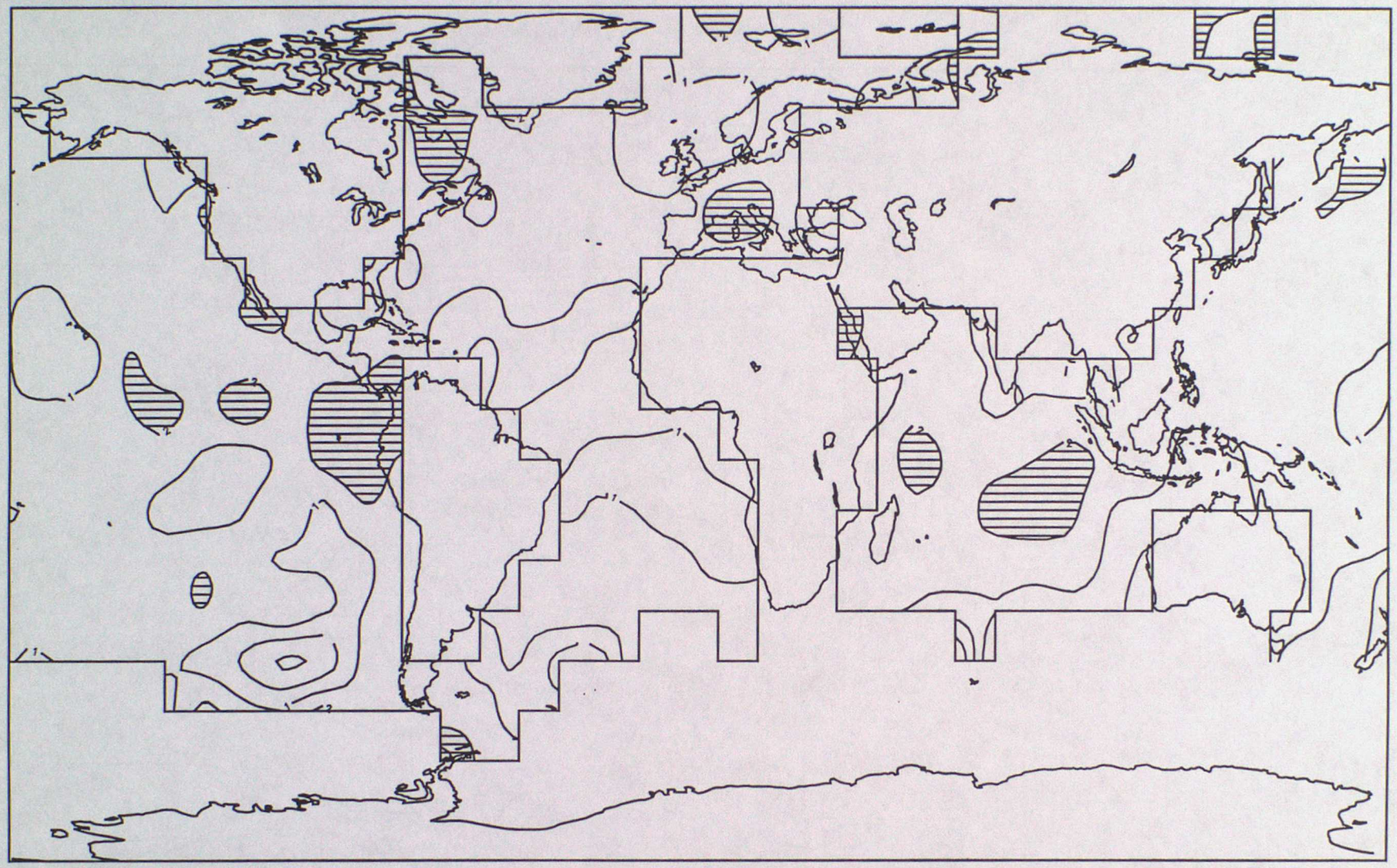


FIG 7: S.D. OF SHIP O–B WIND SPEED IN MS–1. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 4.0 MS–1

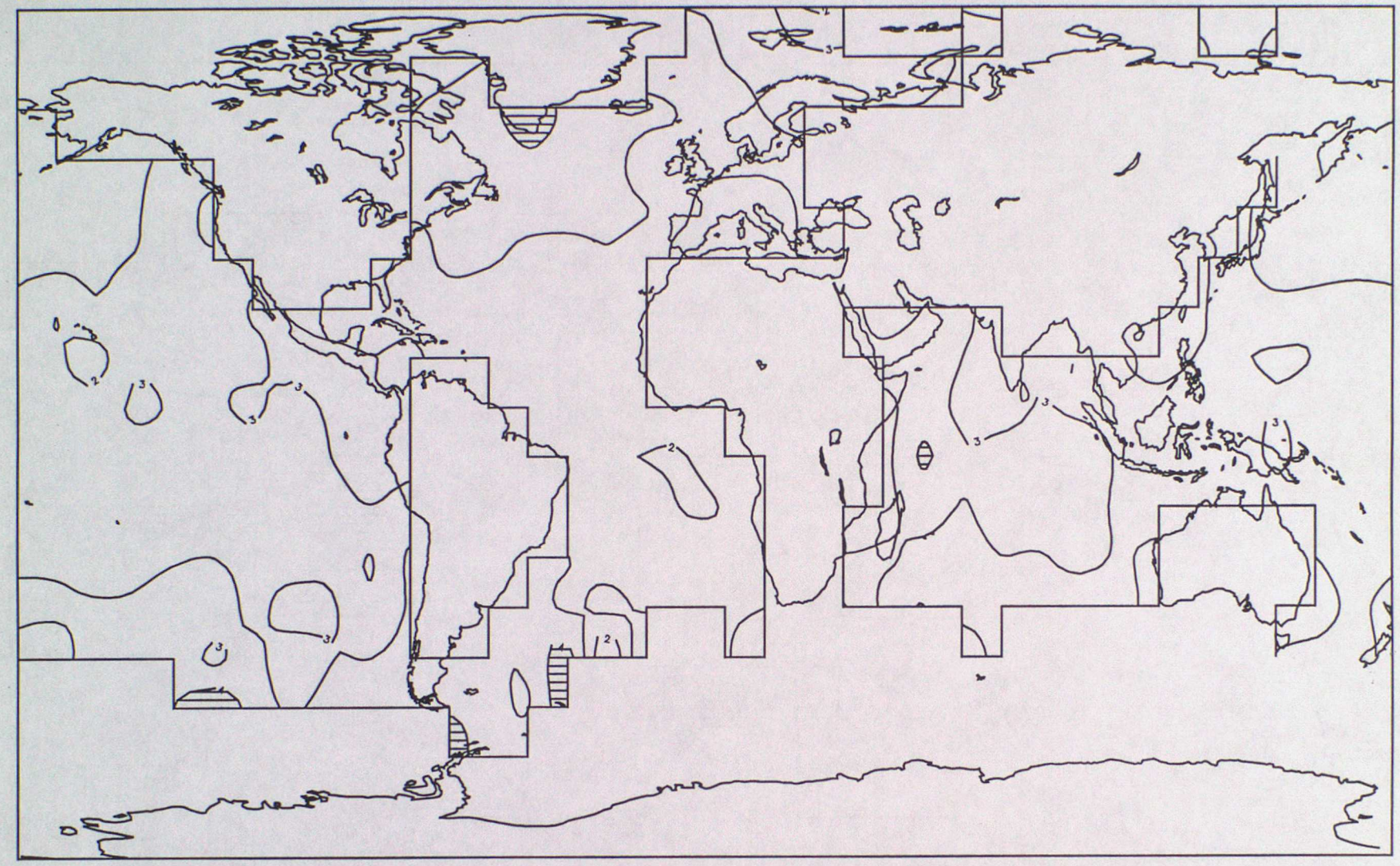


FIG 8:
PLOT OF NUMBER OF SHIP WIND SPEED OBS. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

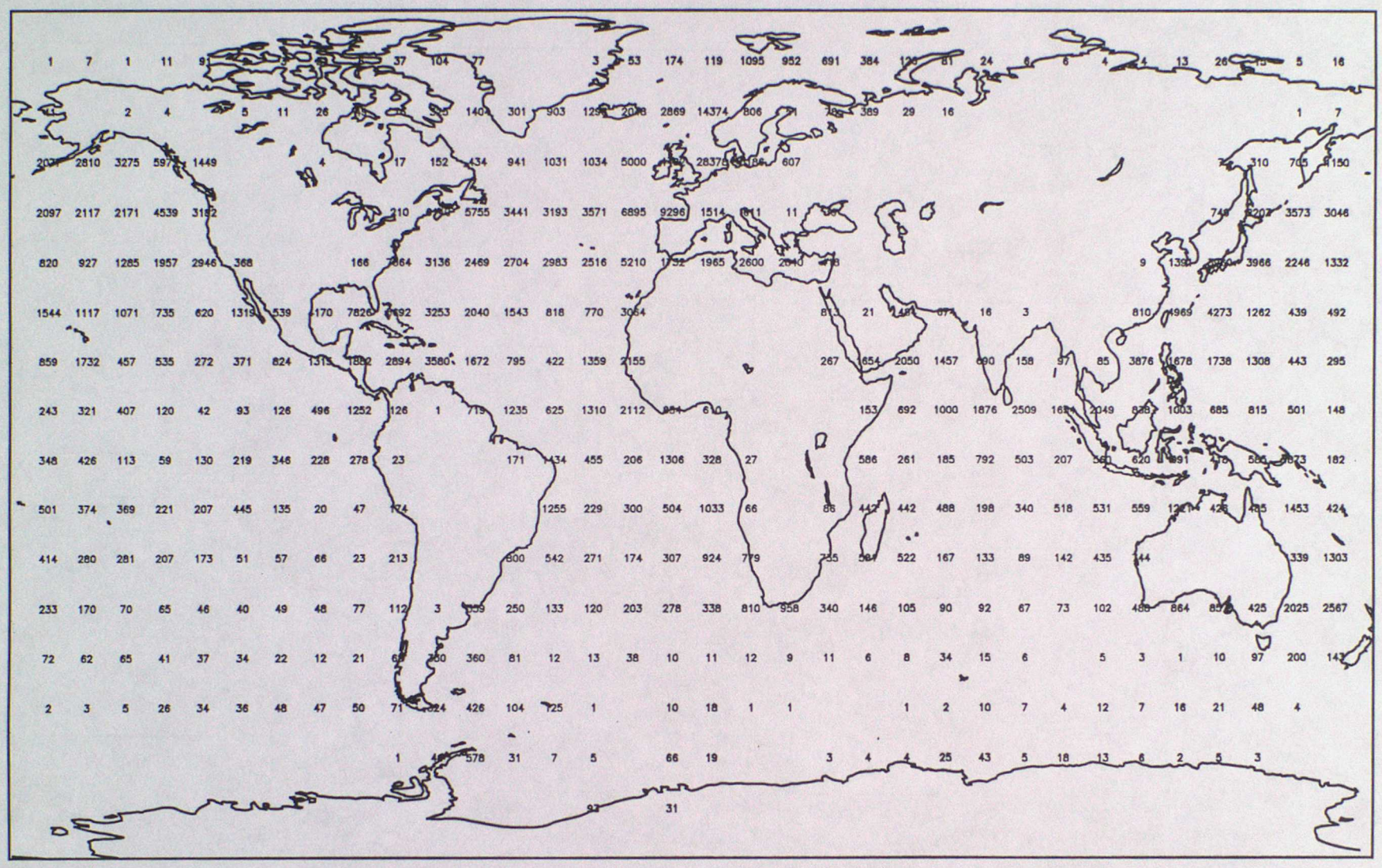


FIG 9: BIAS OF SHIP O–B WIND DIRECTION IN DEG. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE BIAS OF MAGNITUDE GREATER THAN 10 DEG

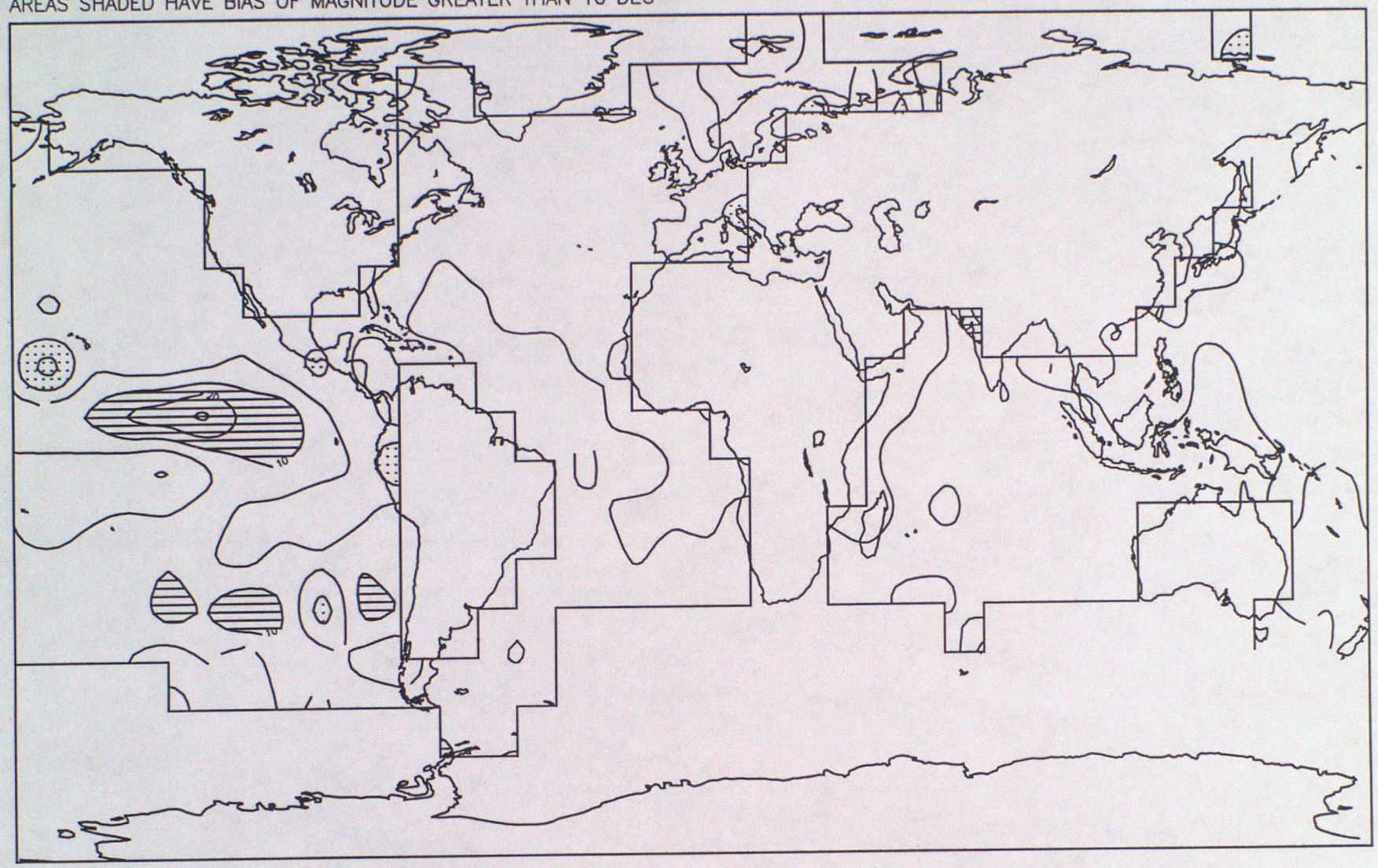


FIG 10: S.D. OF SHIP O–B WIND DIRECTION IN DEG. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS DRAWN TO 10 DEGREE BOXES IF N. OF OBS > 10
AREAS SHADED HAVE STANDARD DEVIATION GREATER THAN 40 DEG

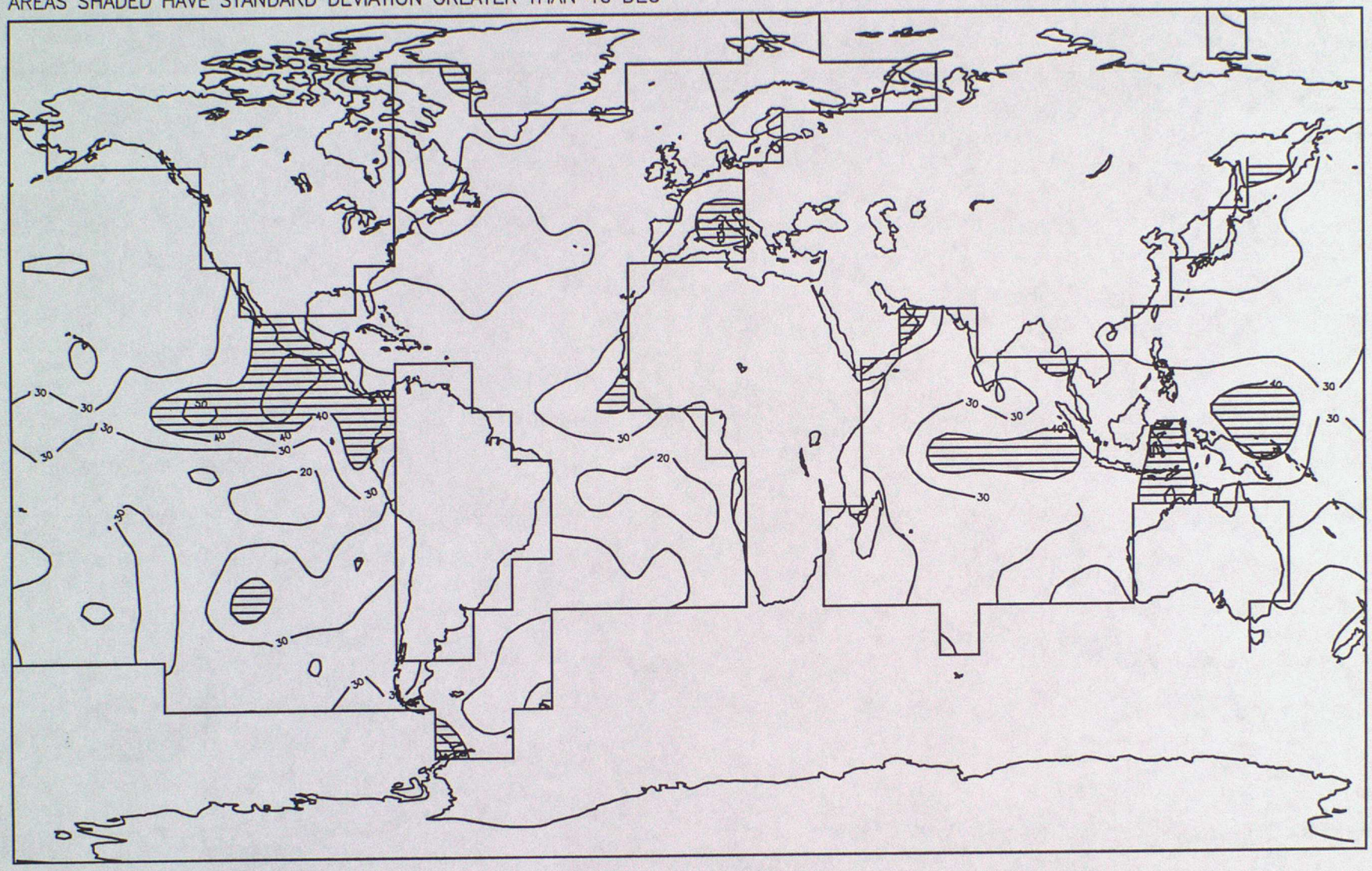


FIG 11:
PLOT OF NUMBER OF SHIP WIND DIRECTION OBS. DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL INCLUDED

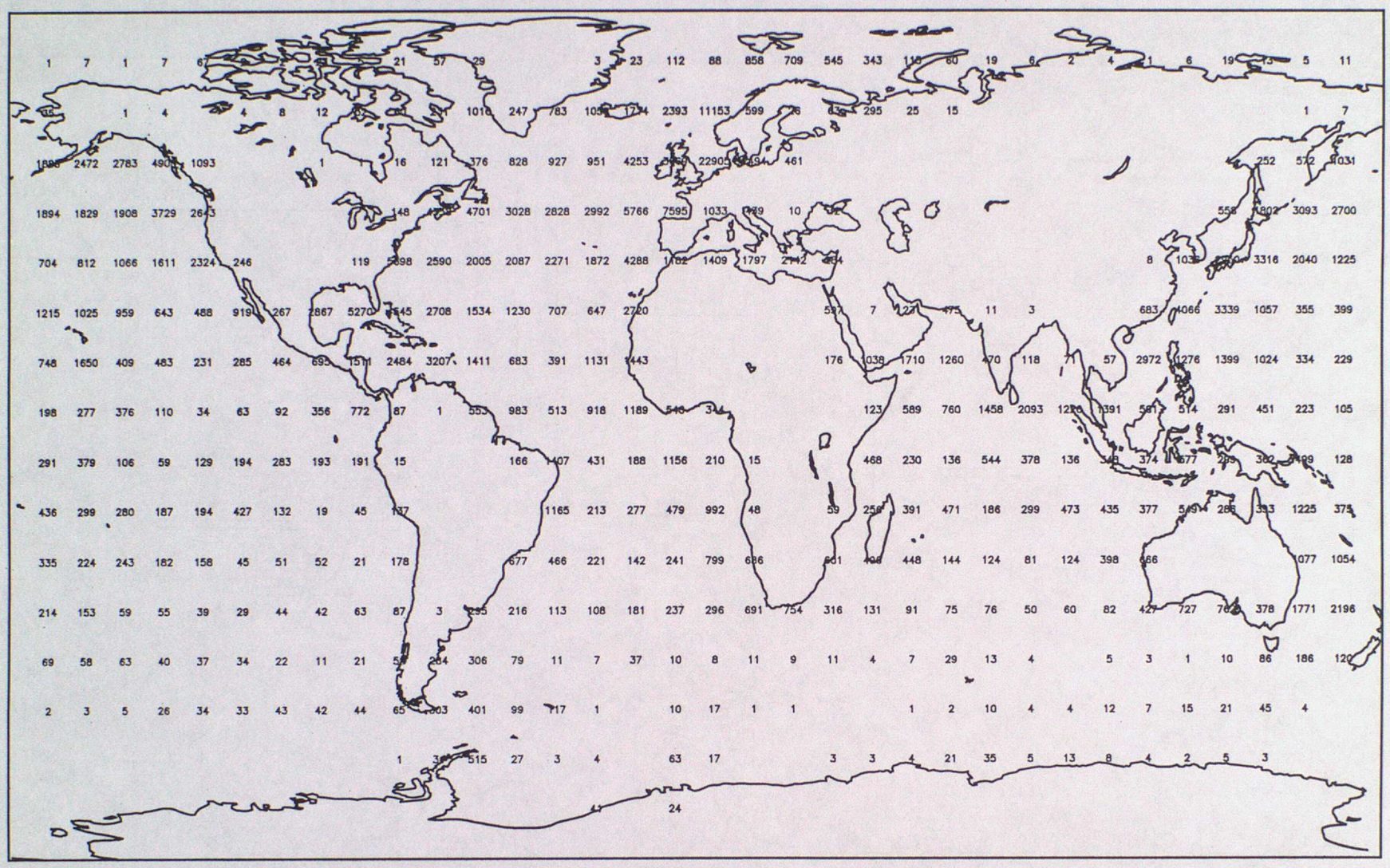


Figure12:

**Sea surface temperature statistics for each observation type, for northern and southern hemisheres, July to December 1996**

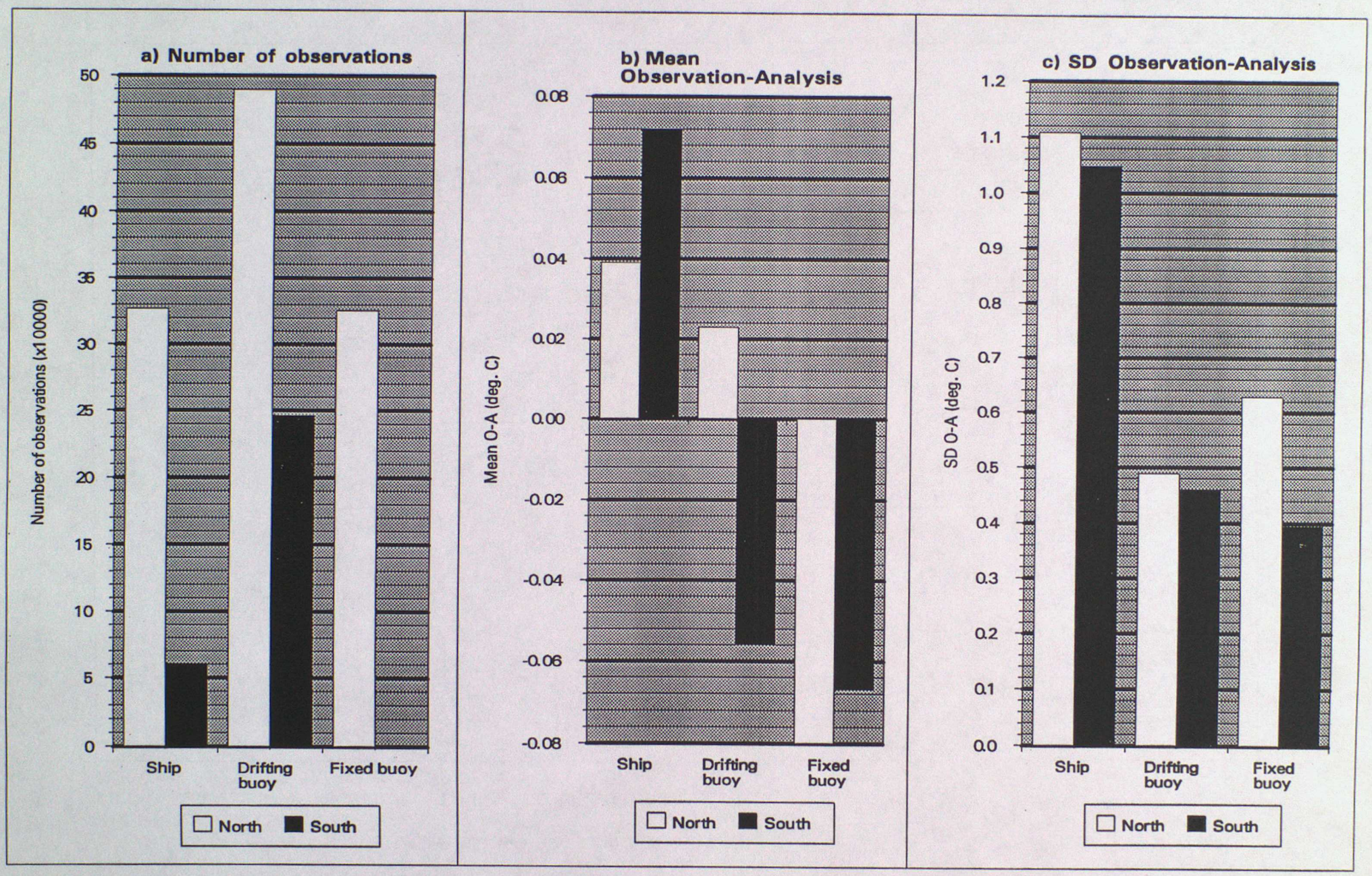


FIG 13: BIAS OF SHIP SEA SURFACE TEMPERATURES (O–A) IN DEG C
DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS PLOTTED AT INTERVALS OF 0.2 DEG C

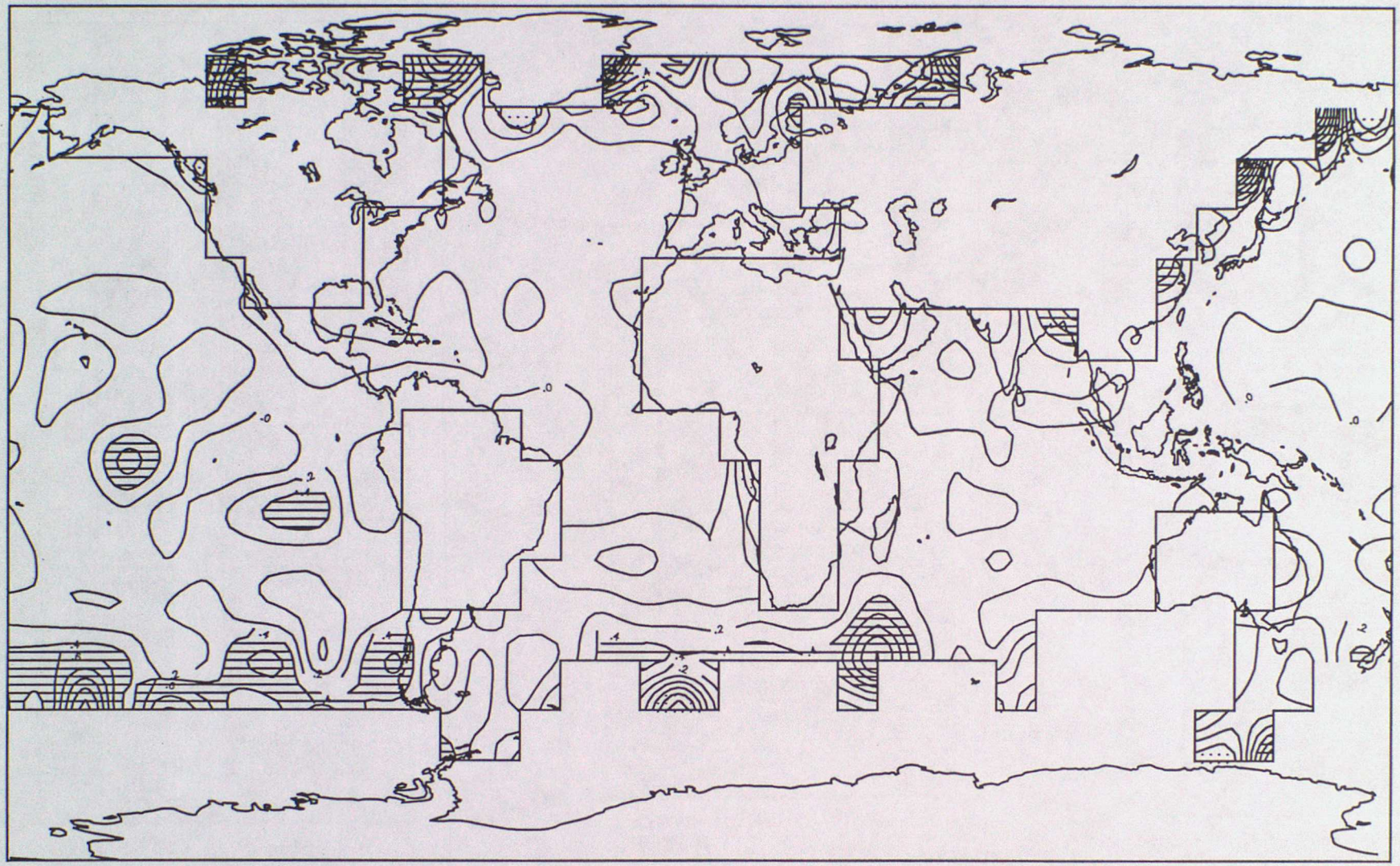


FIG 15:
NUMBER OF SHIP SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED

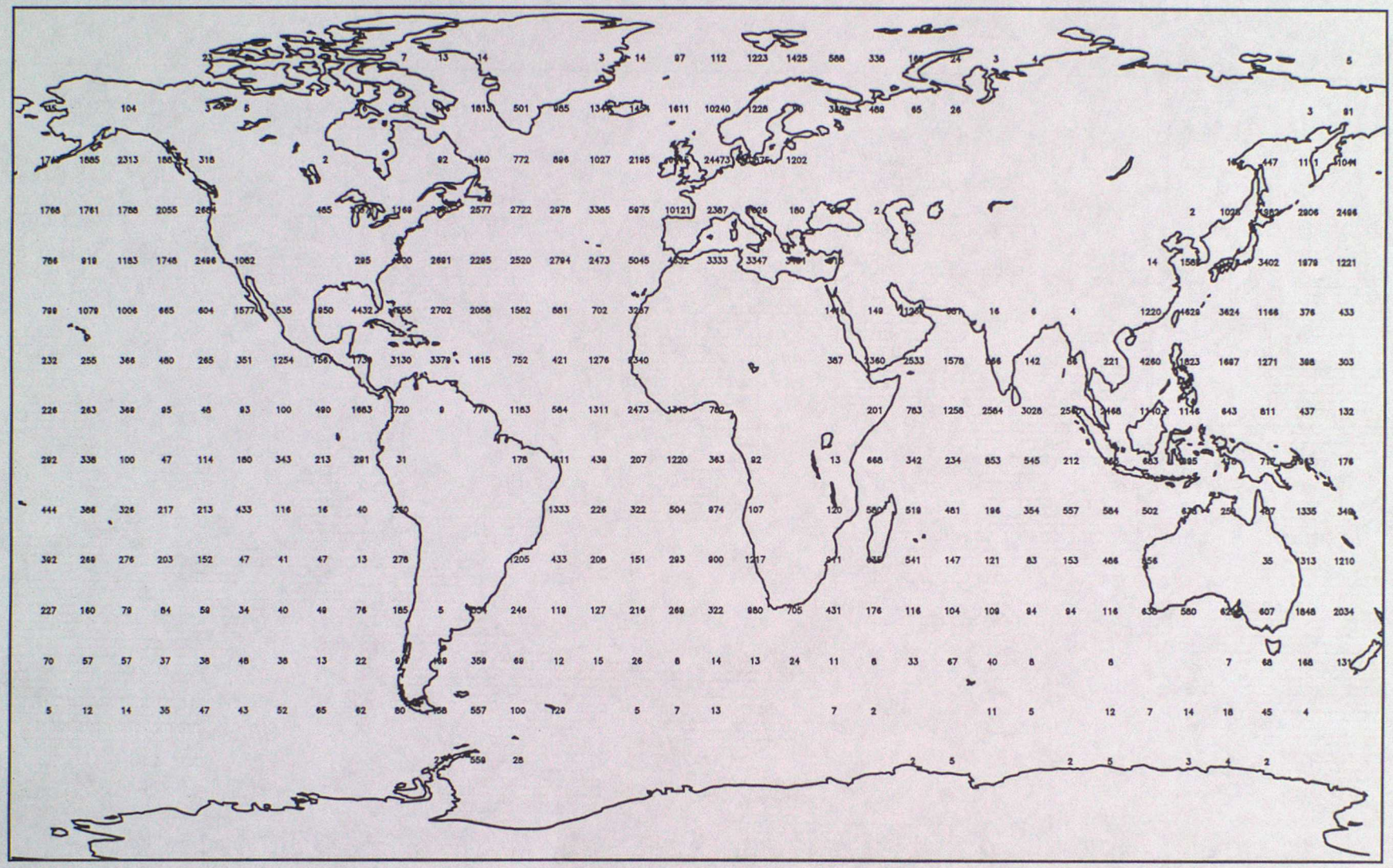


FIG 14: S.D. OF SHIP SEA SURFACE TEMPERATURES (O–A) IN DEG C
DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL USED IN STATISTICS
CONTOURS PLOTTED AT INTERVALS OF 0.2 DEG C

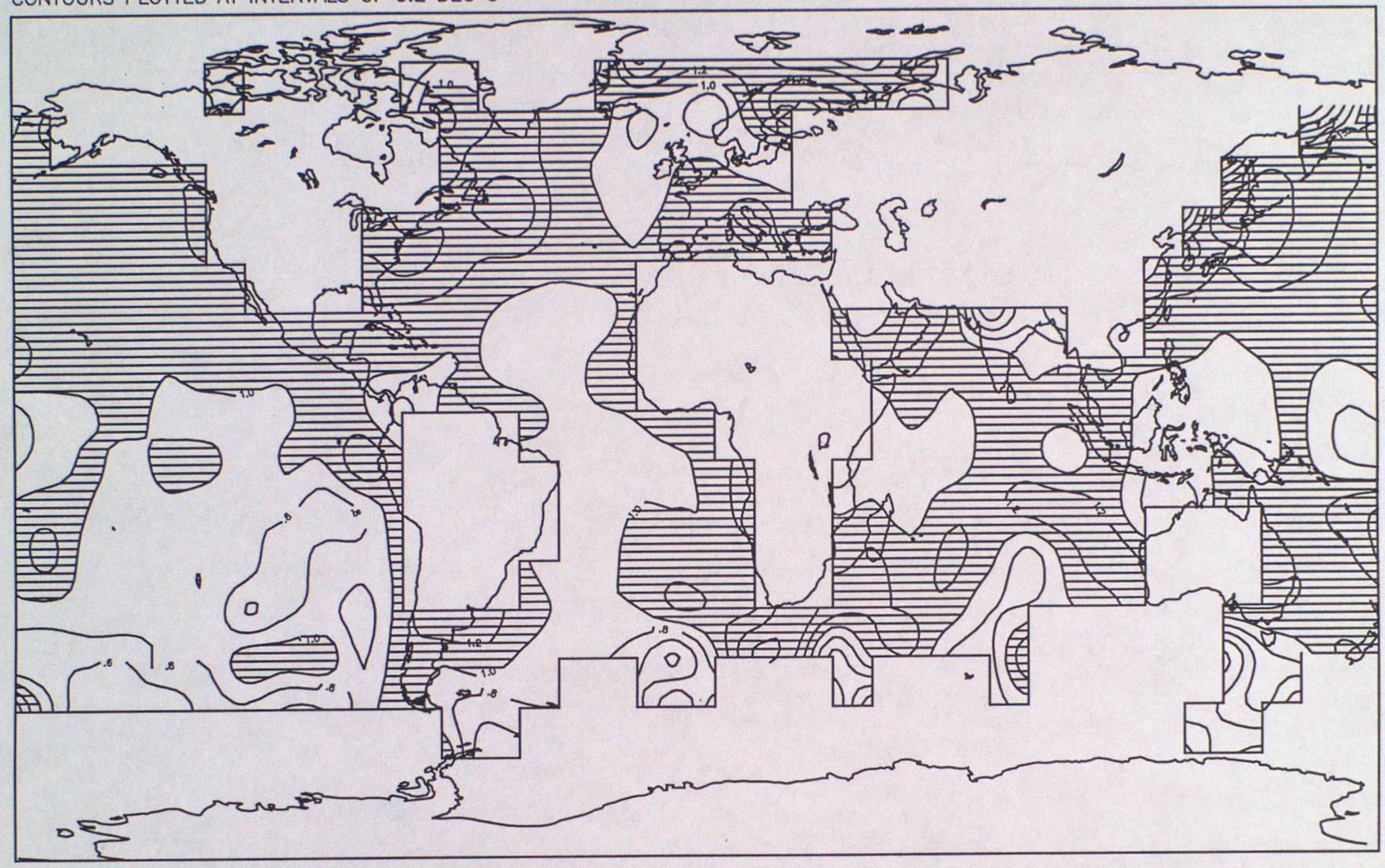


FIG 16:
NUMBER OF FIXED BUOY SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED

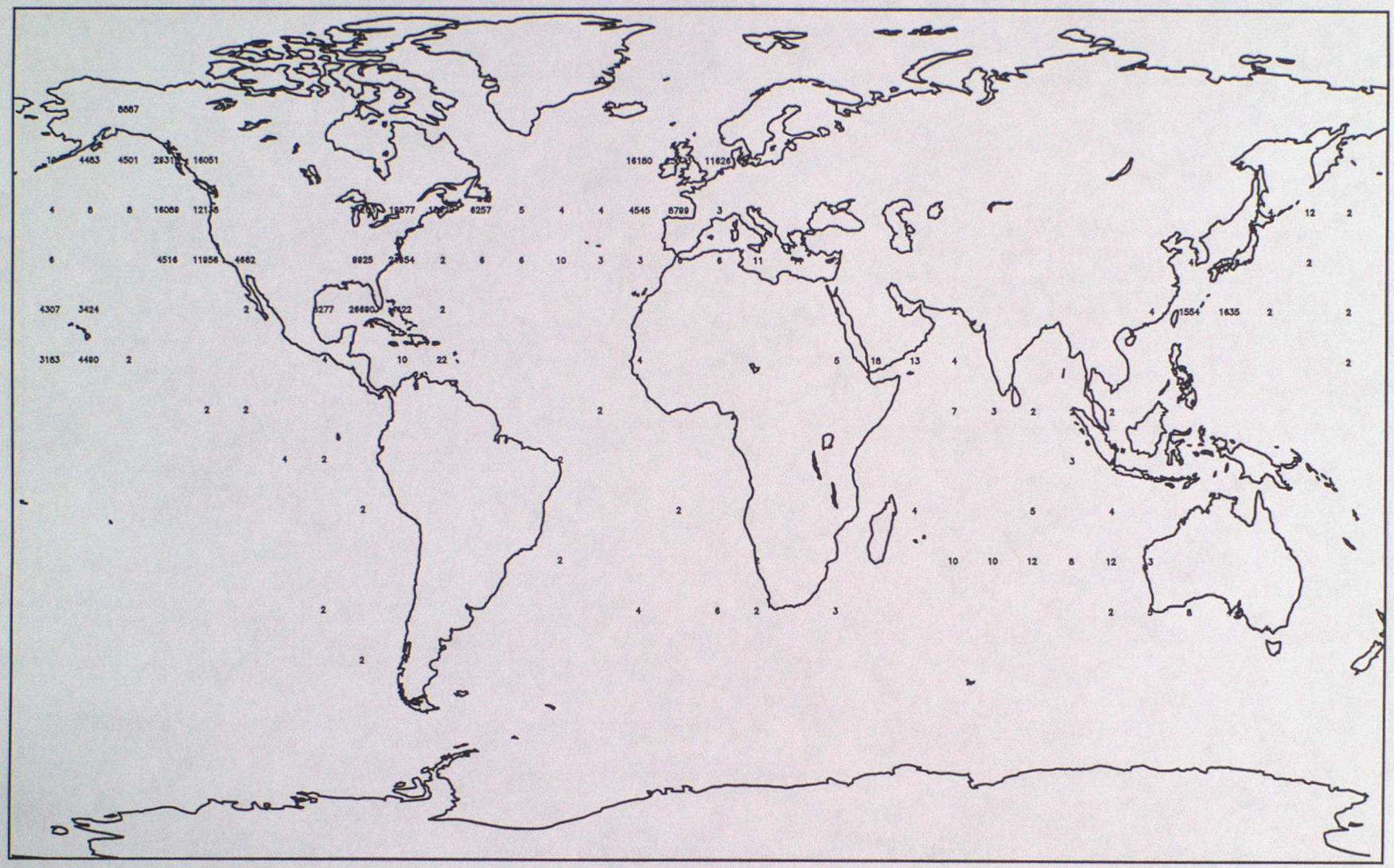
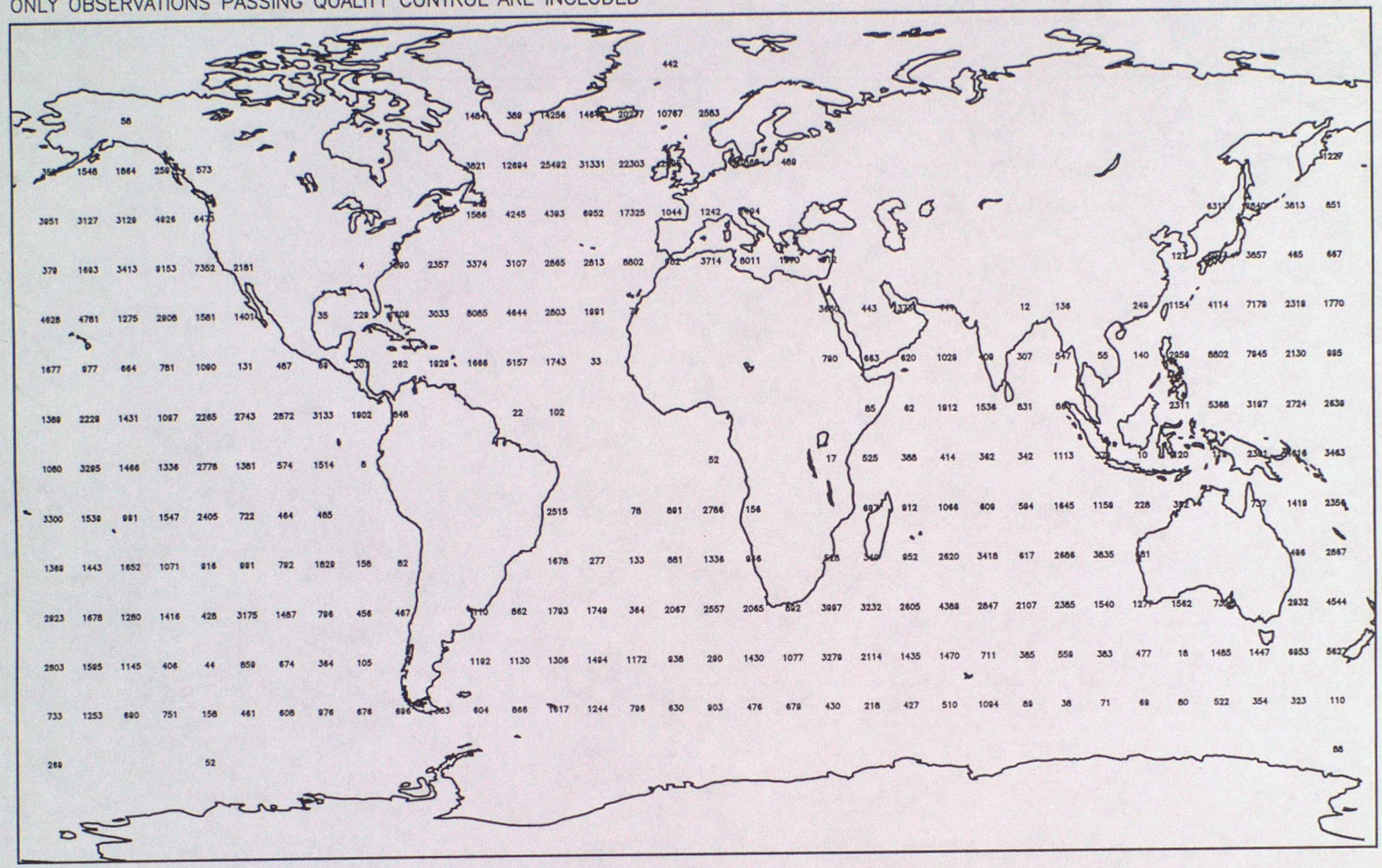


FIG 17:
NUMBER OF DRIFTING BUOY SEA–SURFACE TEMPERATURE OBSERVATIONS
DATE:– JULY – DECEMBER 1996
ONLY OBSERVATIONS PASSING QUALITY CONTROL ARE INCLUDED



O-B pressure (hPa) for identifier 15904
Number of obs. plotted = 940 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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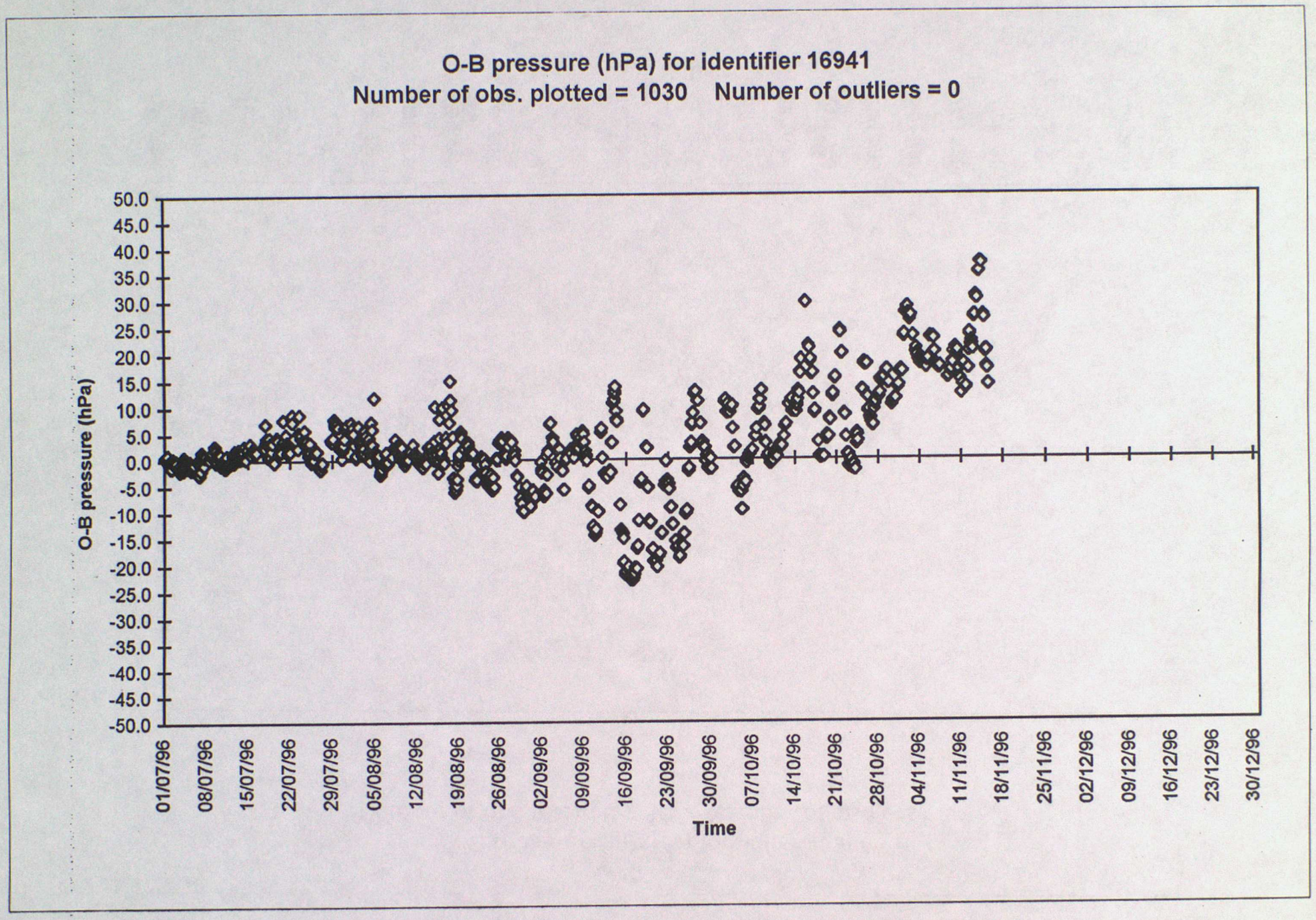
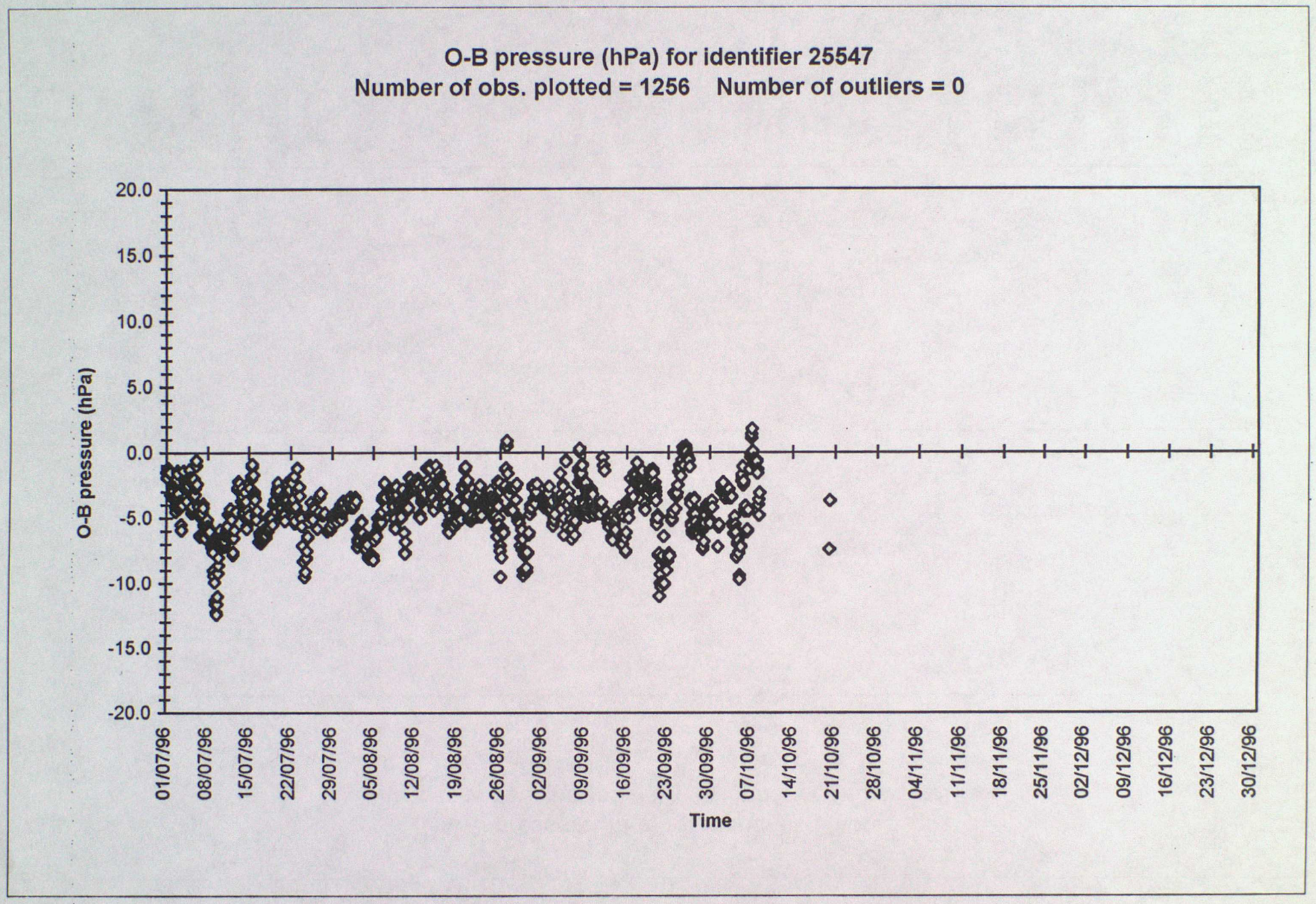
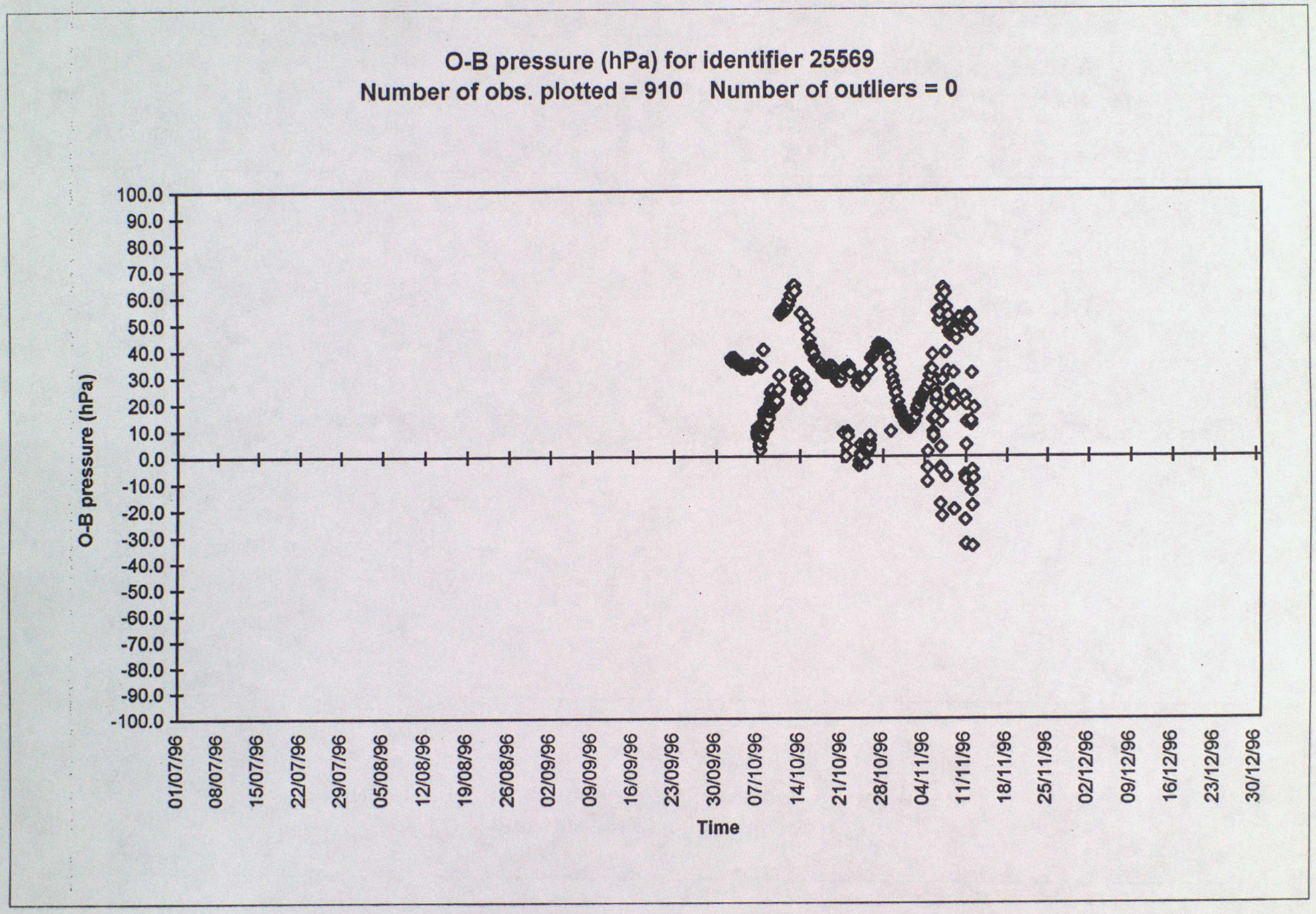
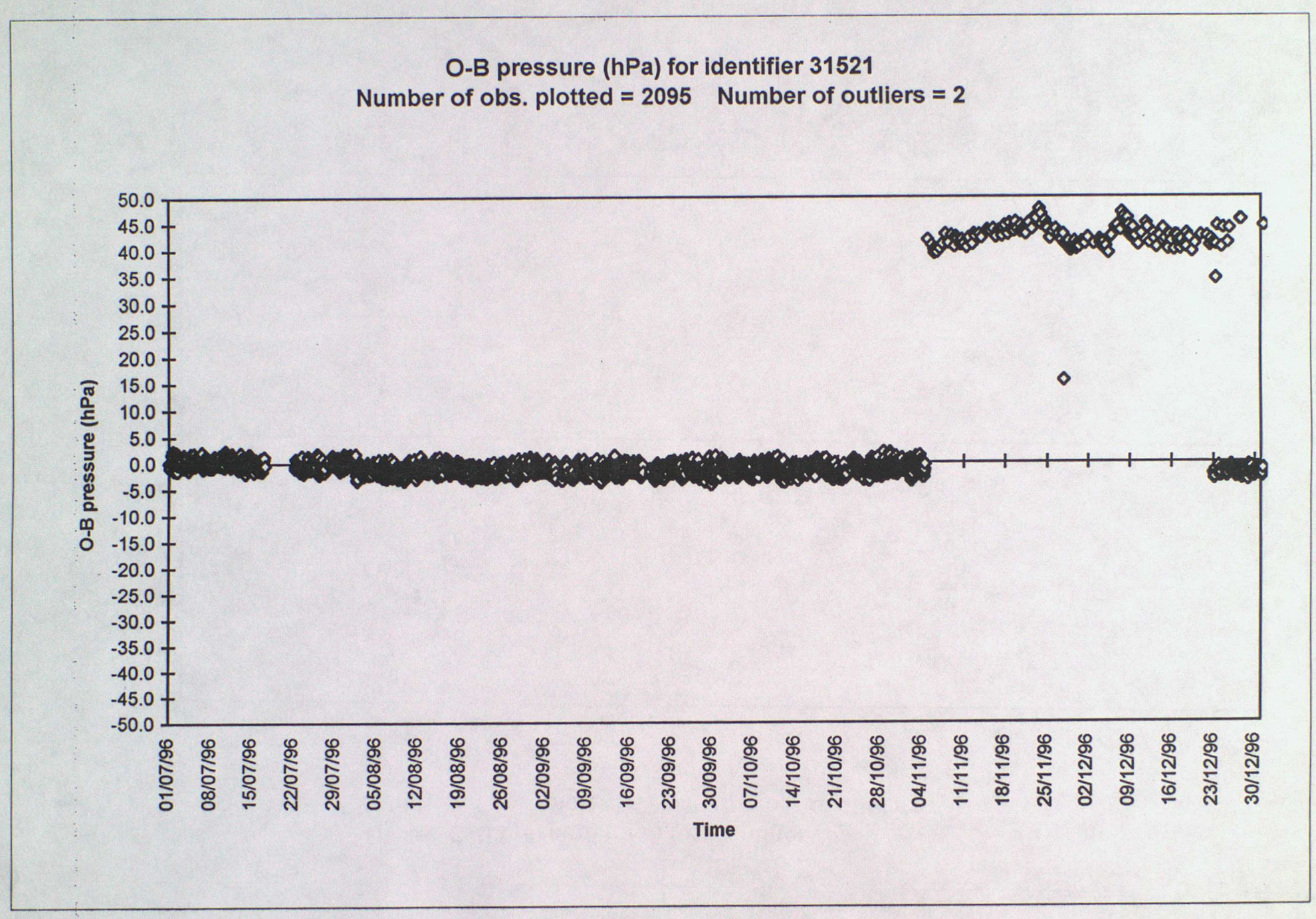
09/12/96
16/12/96
23/12/96
30/12/96

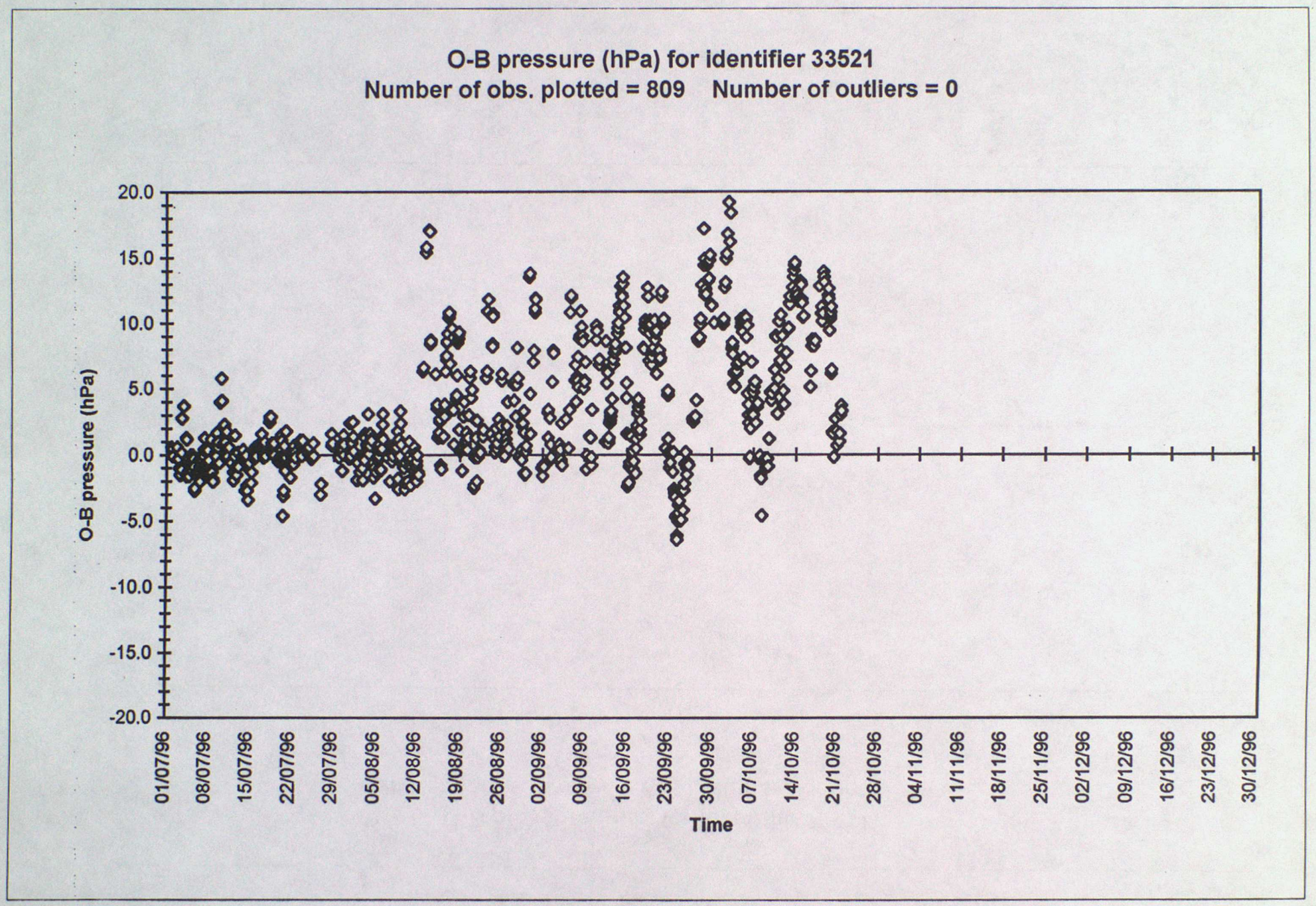

O-B pressure (hPa) for identifier 16941
Number of obs. plotted = 1030 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 17901
Number of obs. plotted = 87 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 25547
Number of obs. plotted = 1256 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 25569
Number of obs. plotted = 910 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 31521
Number of obs. plotted = 2095 Number of outliers = 2
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 33521
Number of obs. plotted = 809 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 33541
Number of obs. plotted = 692 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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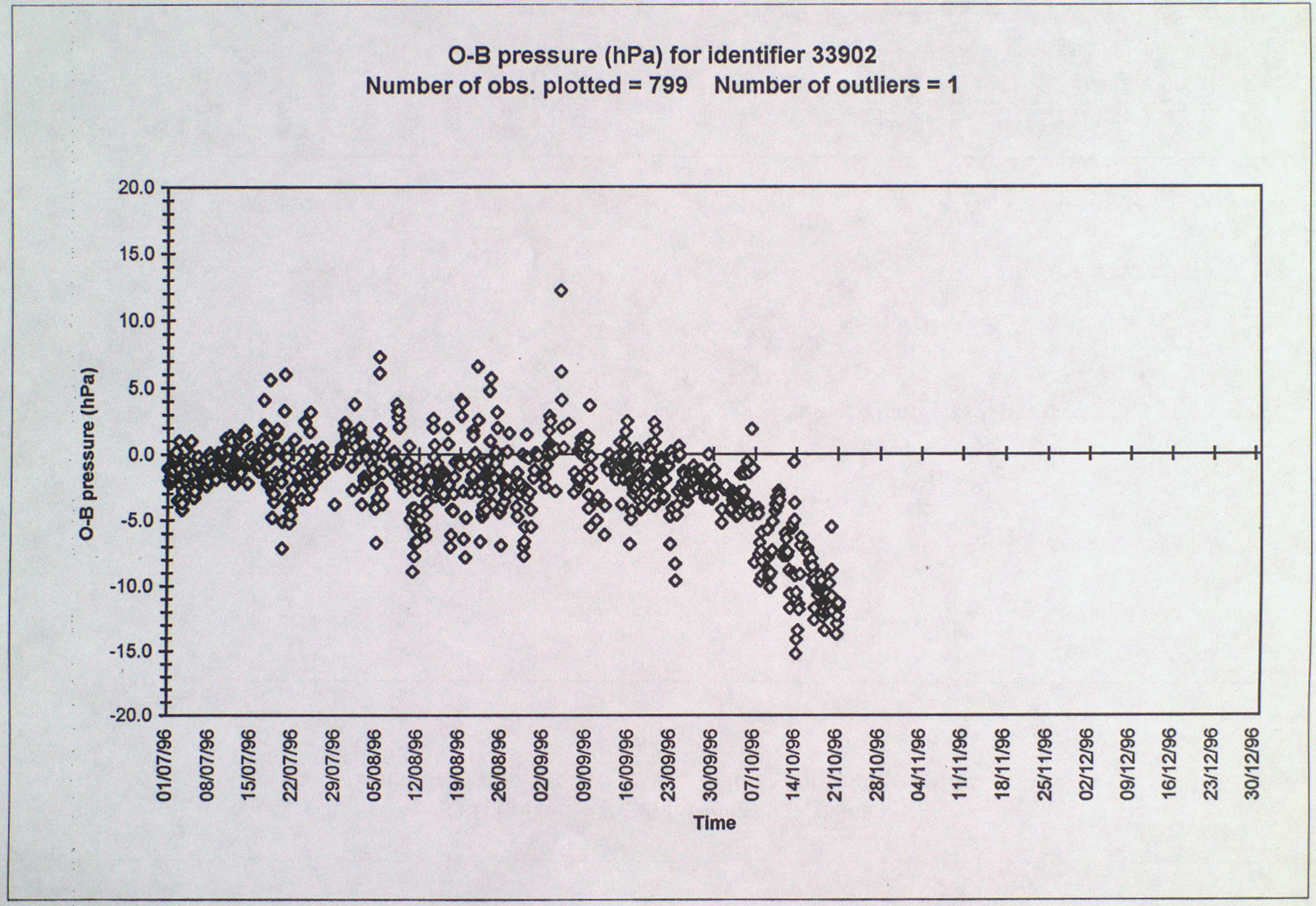
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier 33902
Number of obs. plotted = 799 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
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21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 33908
Number of obs. plotted = 1015 Number of outliers = 6
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 33909
Number of obs. plotted = 1076 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
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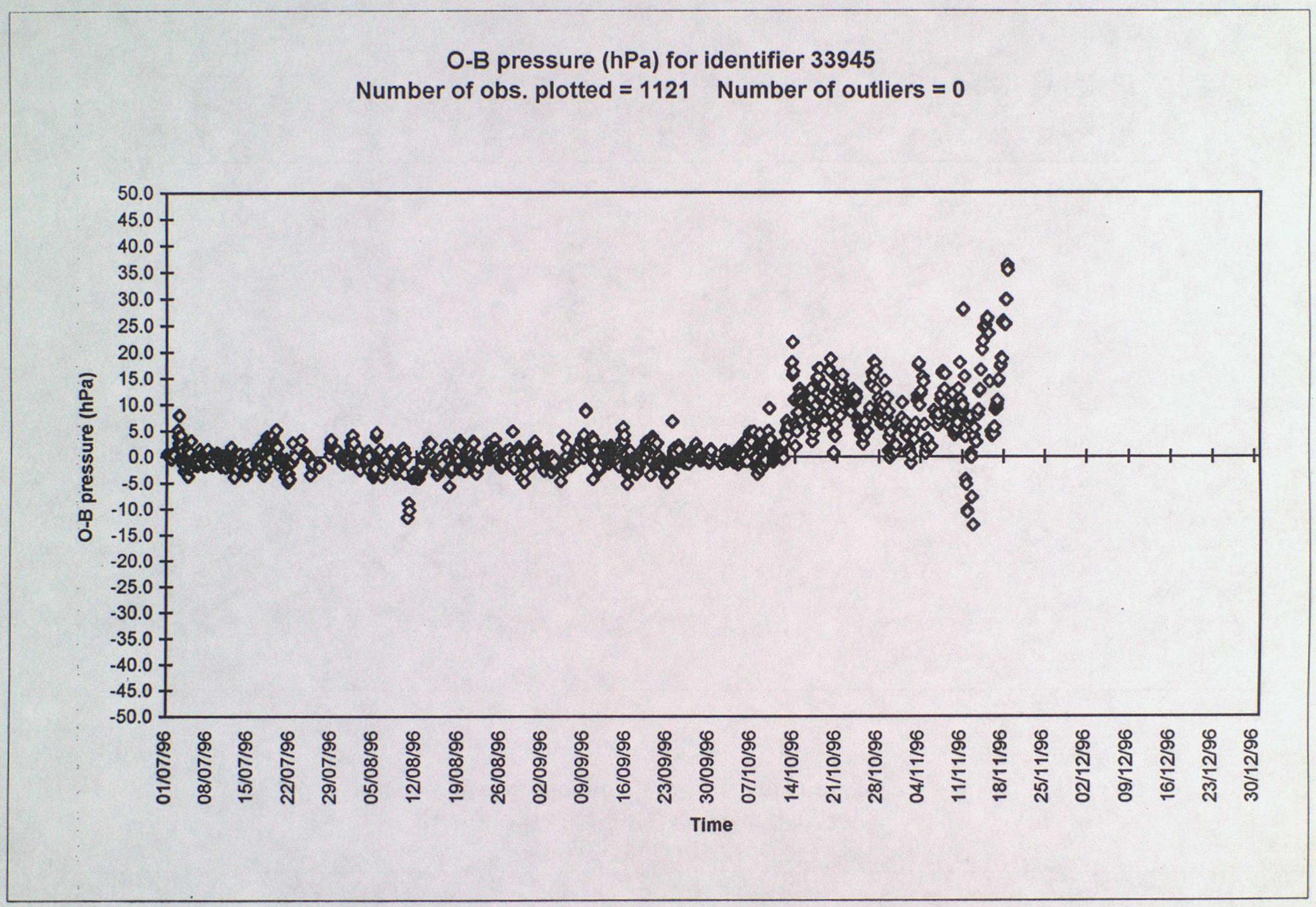
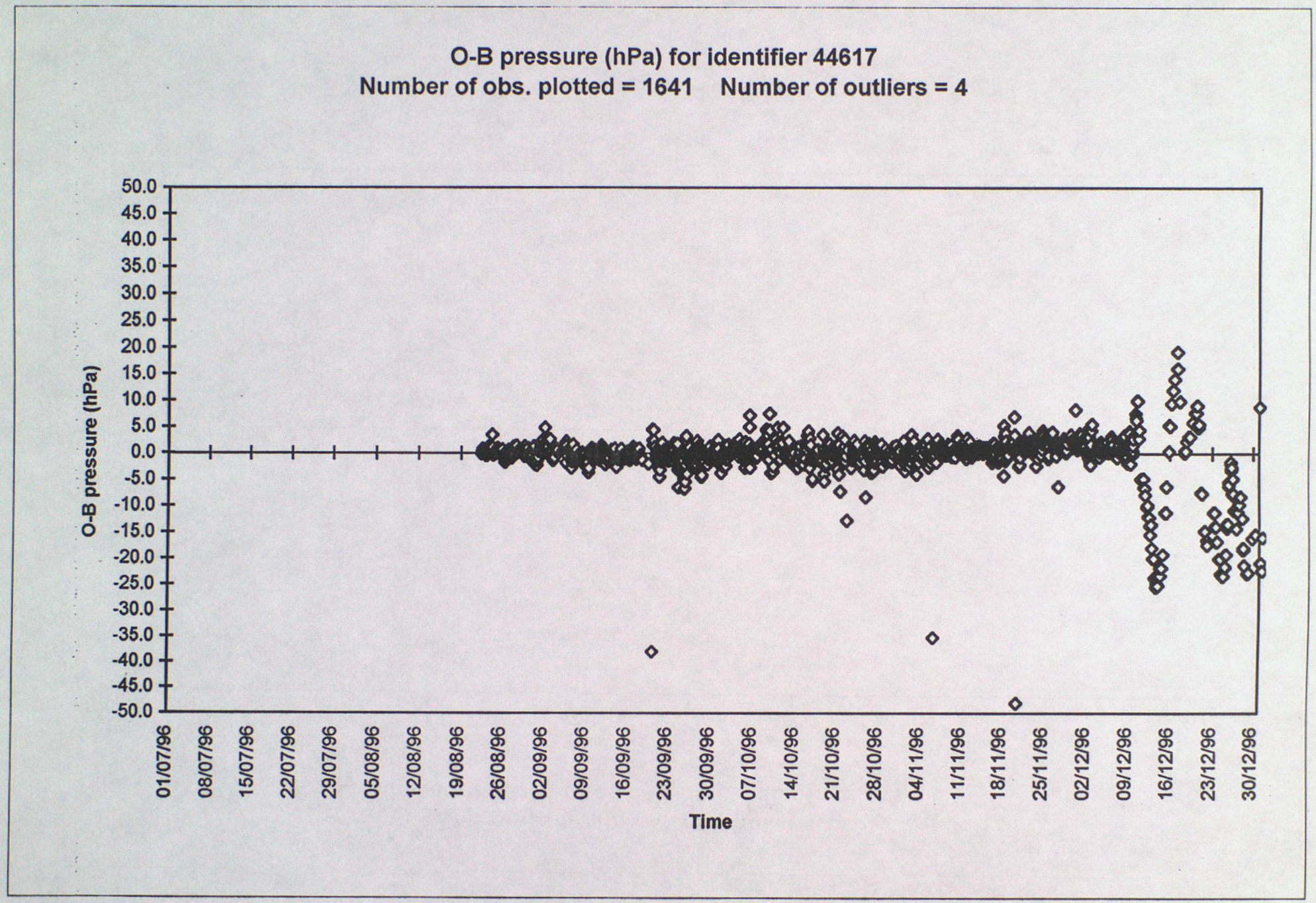
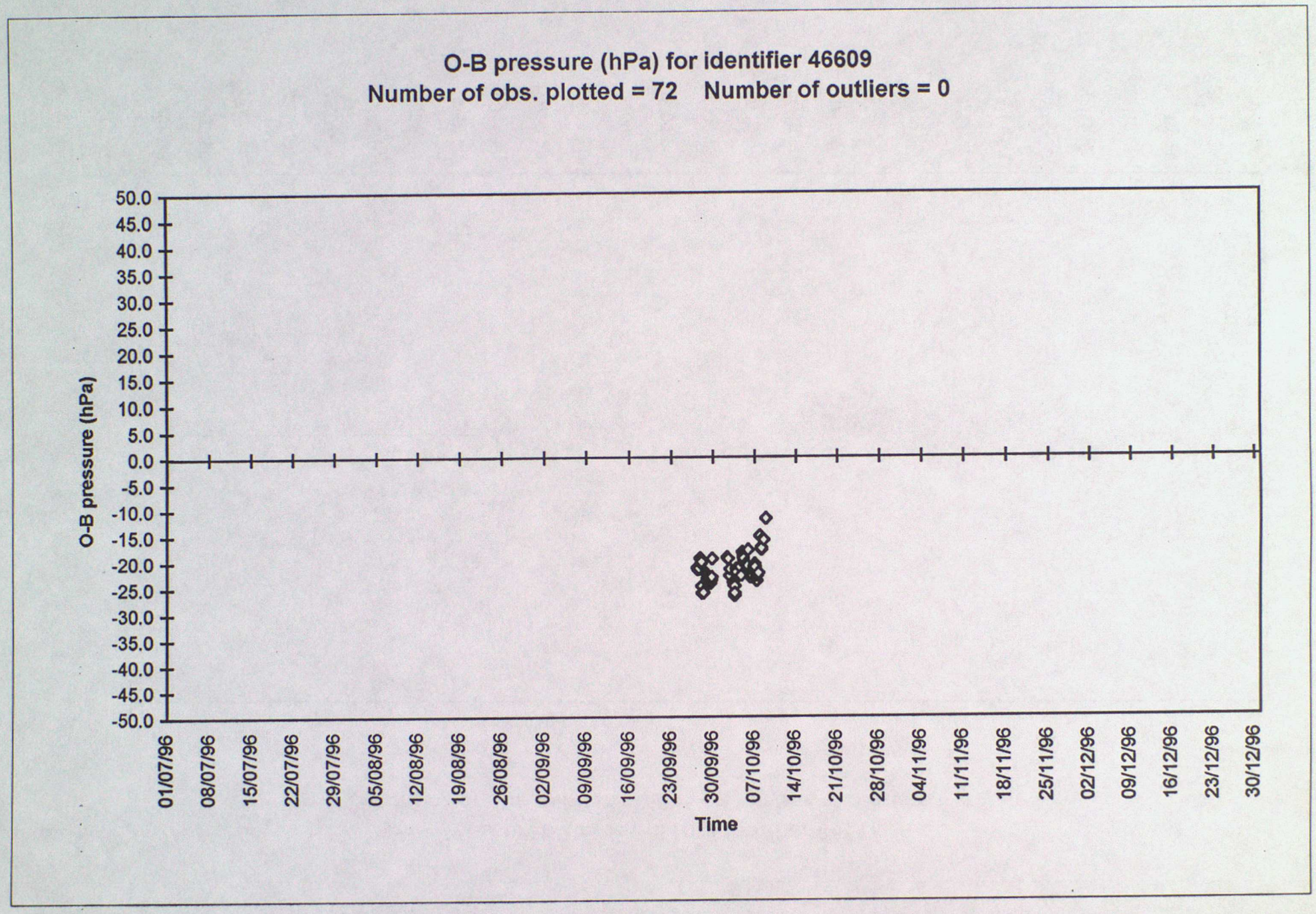
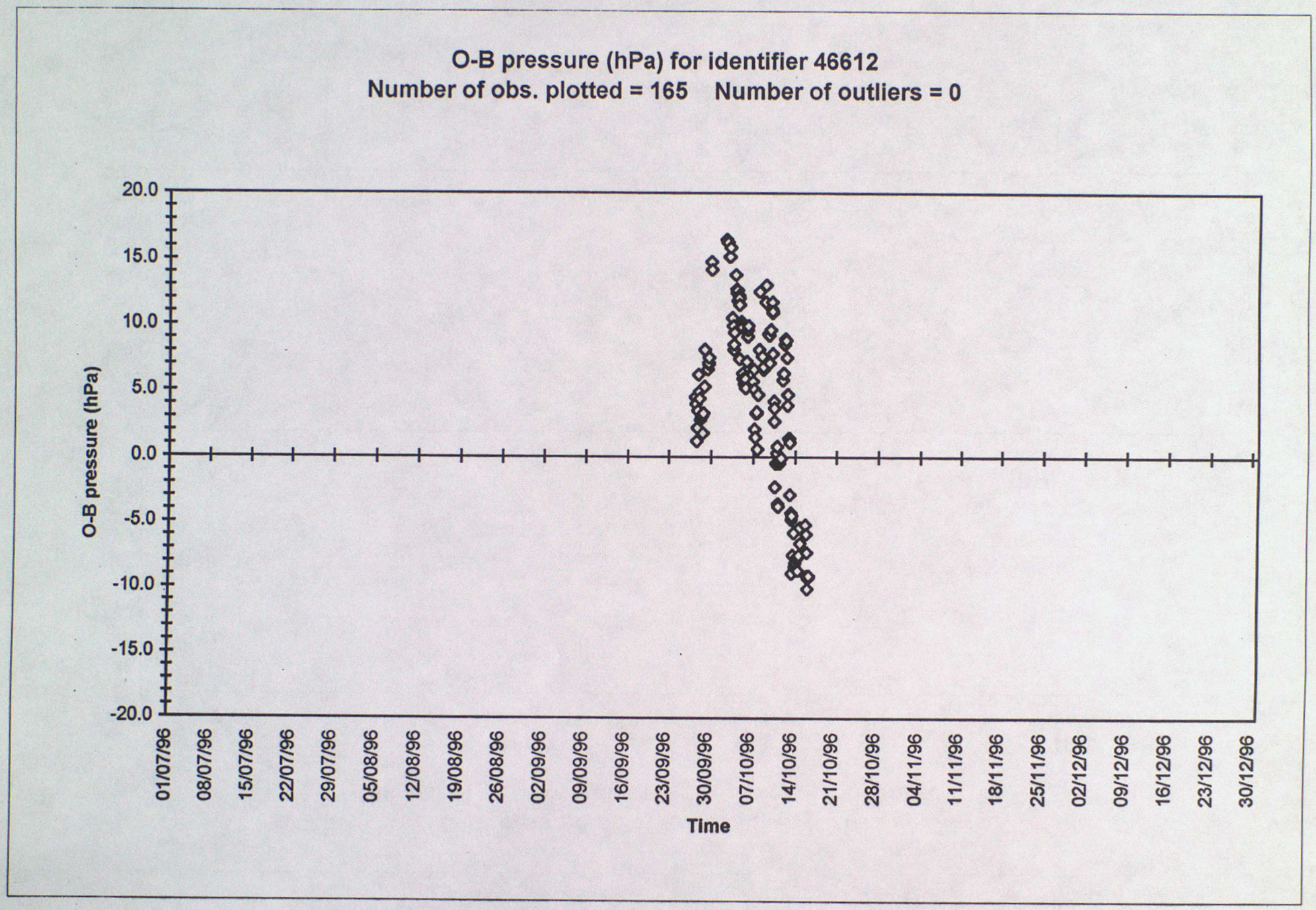
23/12/96
30/12/96


O-B pressure (hPa) for identifier 33945
Number of obs. plotted = 1121 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 44617
Number of obs. plotted = 1641 Number of outliers = 4
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 46609
Number of obs. plotted = 72 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 46612
Number of obs. plotted = 165 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
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23/09/96
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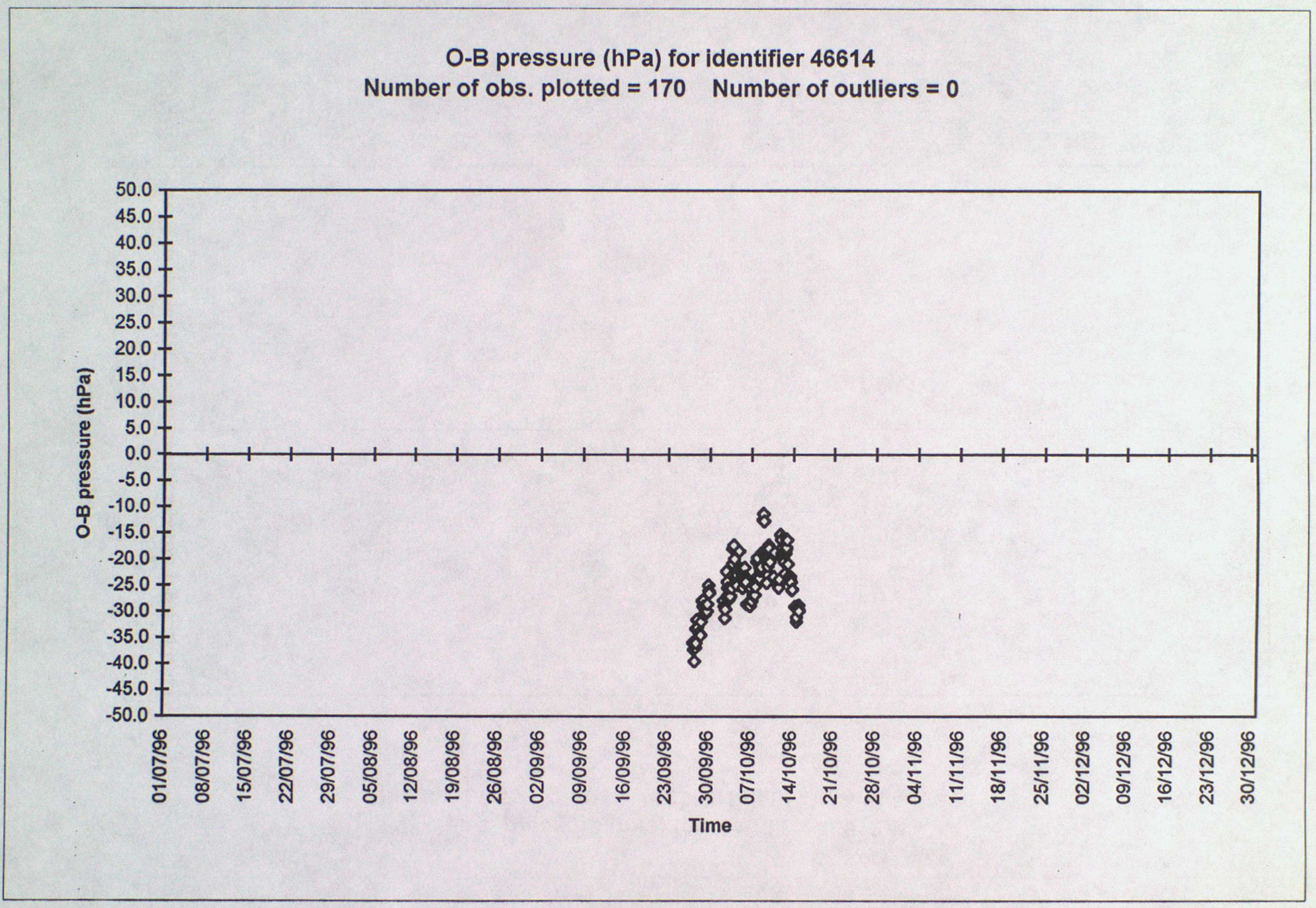
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 46614
Number of obs. plotted = 170 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
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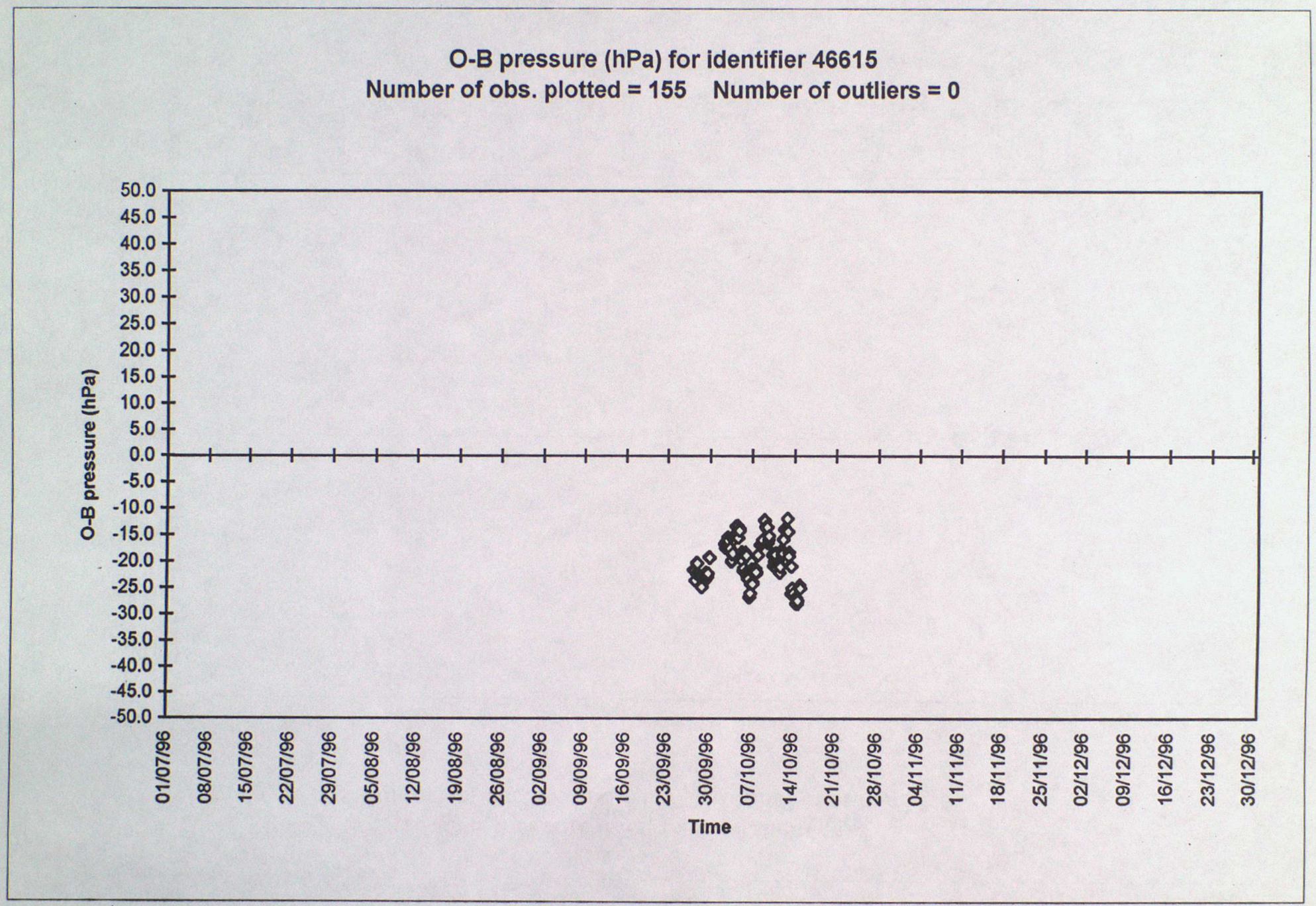
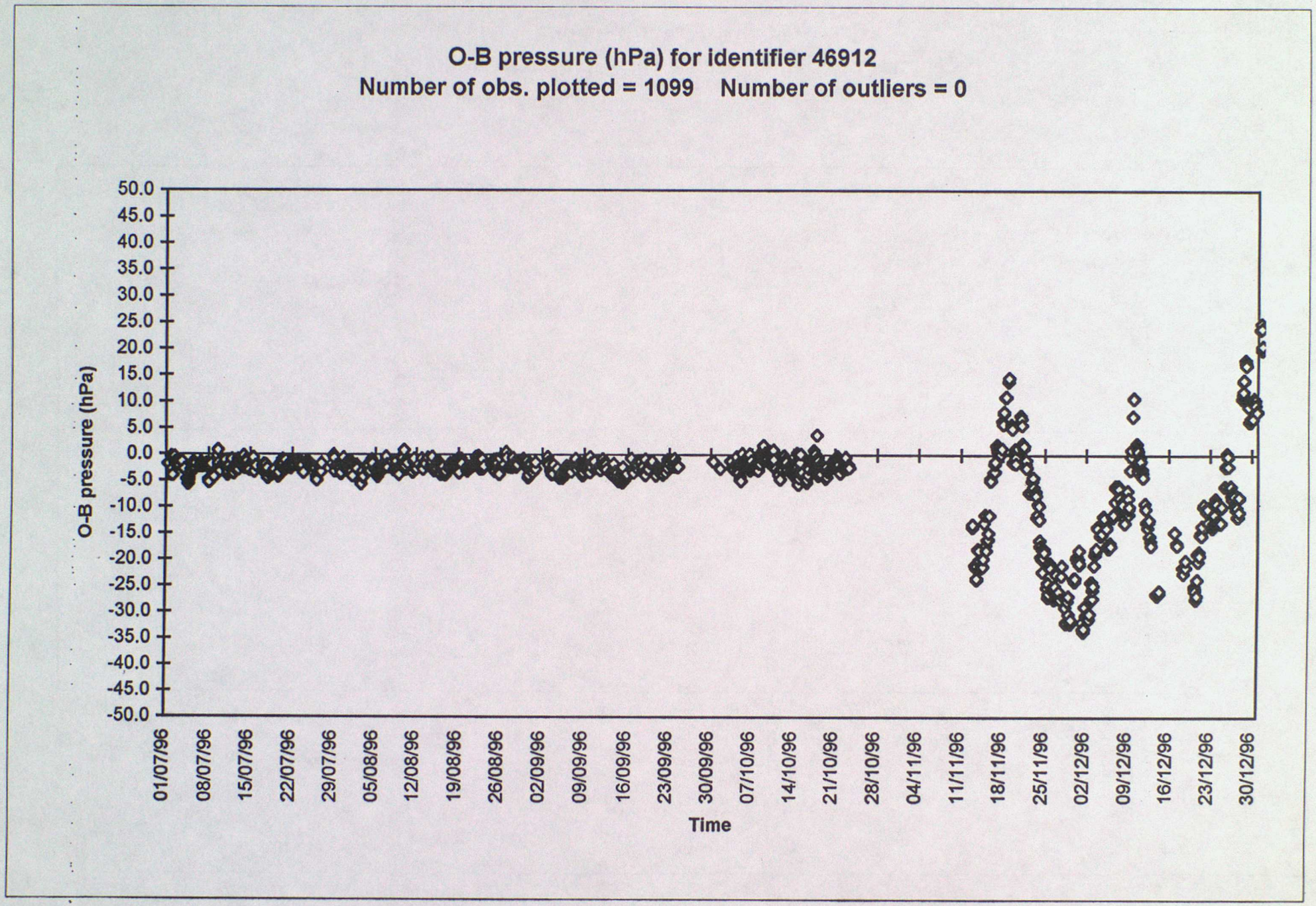
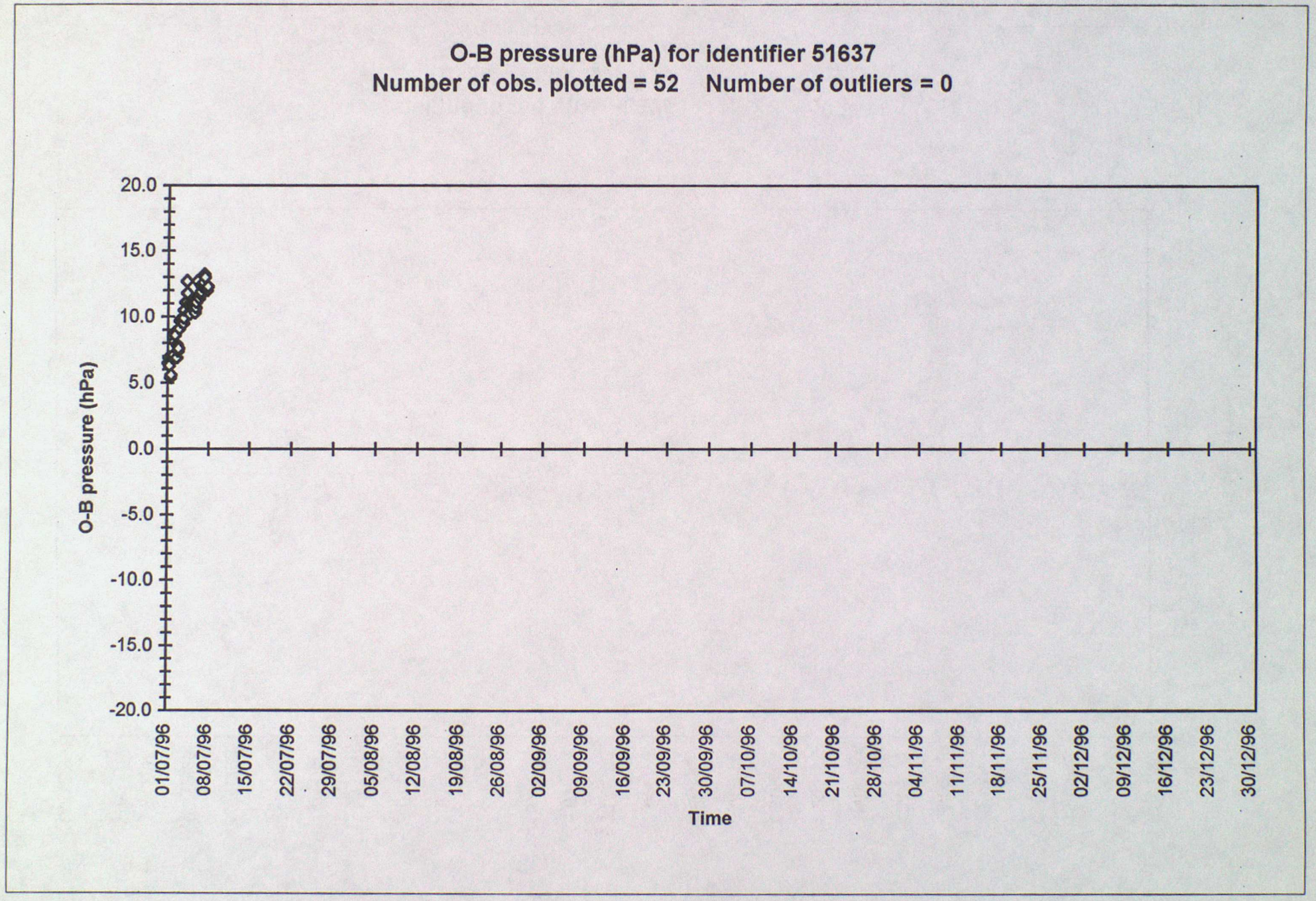
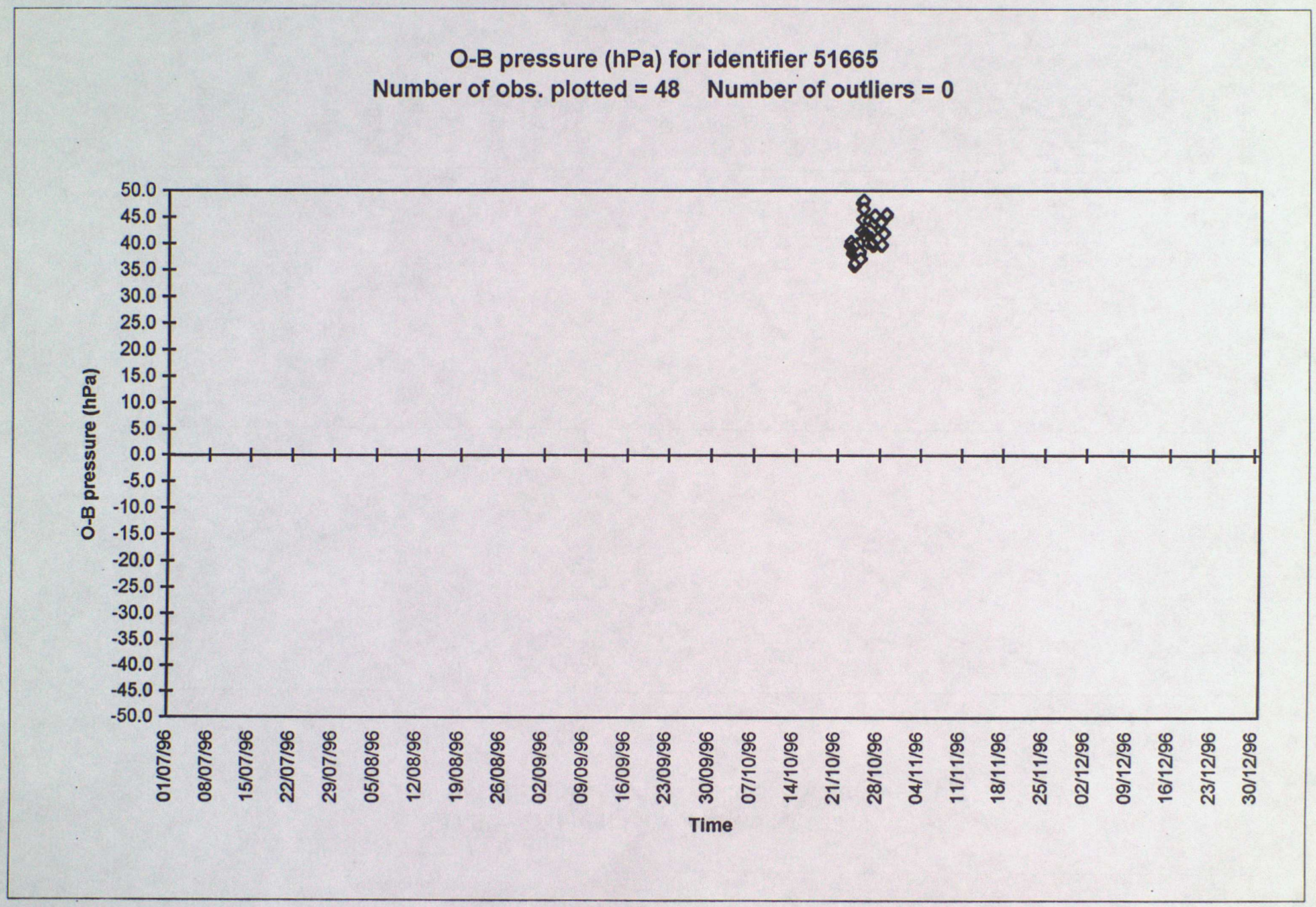
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 46615
Number of obs. plotted = 155 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 44923
Number of obs. plotted = 527 Number of outliers = 0
O-B pressure (hPa)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier 46912
Number of obs. plotted = 1099 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 51637
Number of obs. plotted = 52 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 51665
Number of obs. plotted = 48 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 53546
Number of obs. plotted = 62 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 53825
Number of obs. plotted = 125 Number of outliers = 82
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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25/11/96
02/12/96
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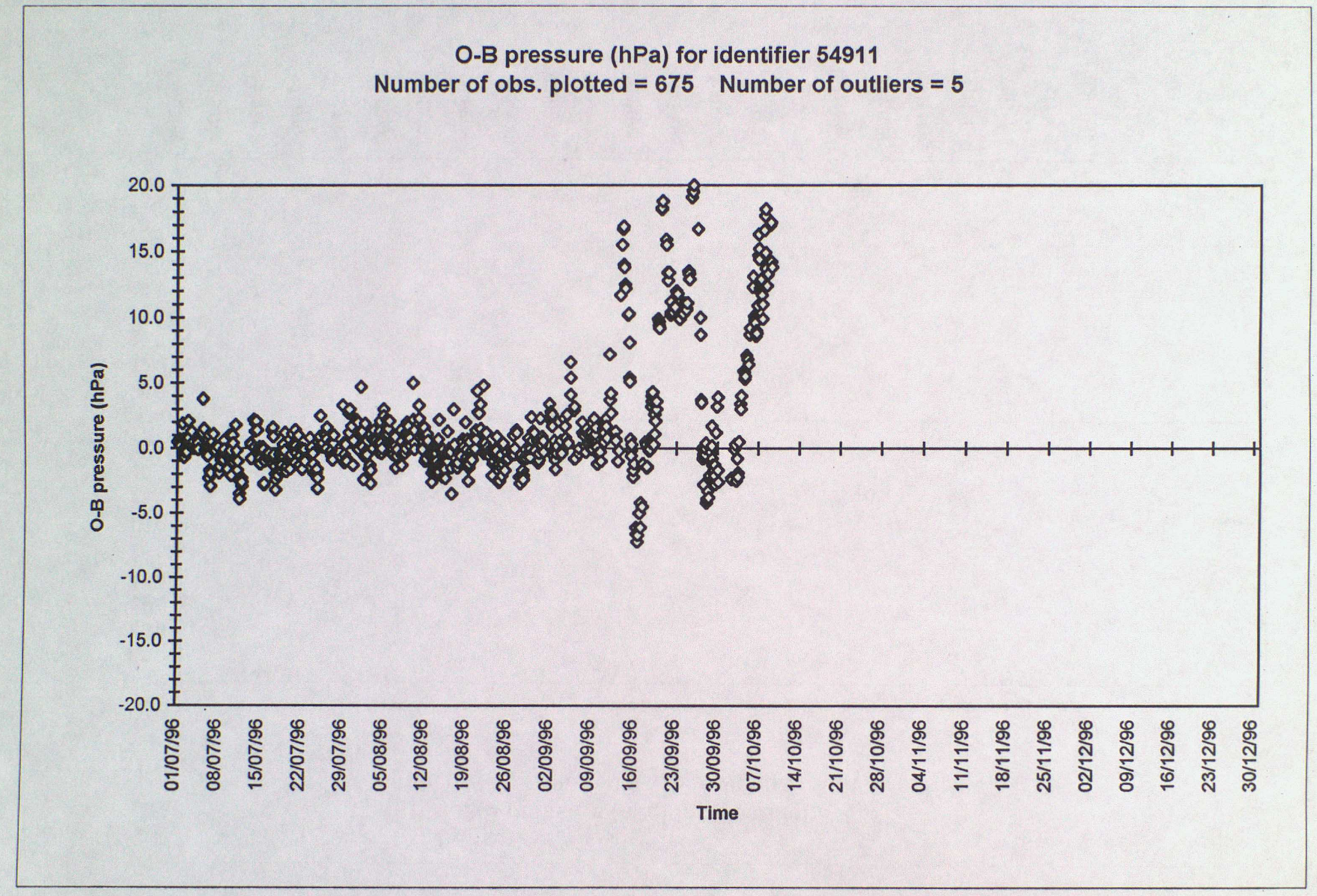
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier 54911
Number of obs. plotted = 675 Number of outliers = 5
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 54912
Number of obs. plotted = 501 Number of outliers = 11
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 54914
Number of obs. plotted = 520 Number of outliers = 12
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 54921
Number of obs. plotted = 372 Number of outliers = 3
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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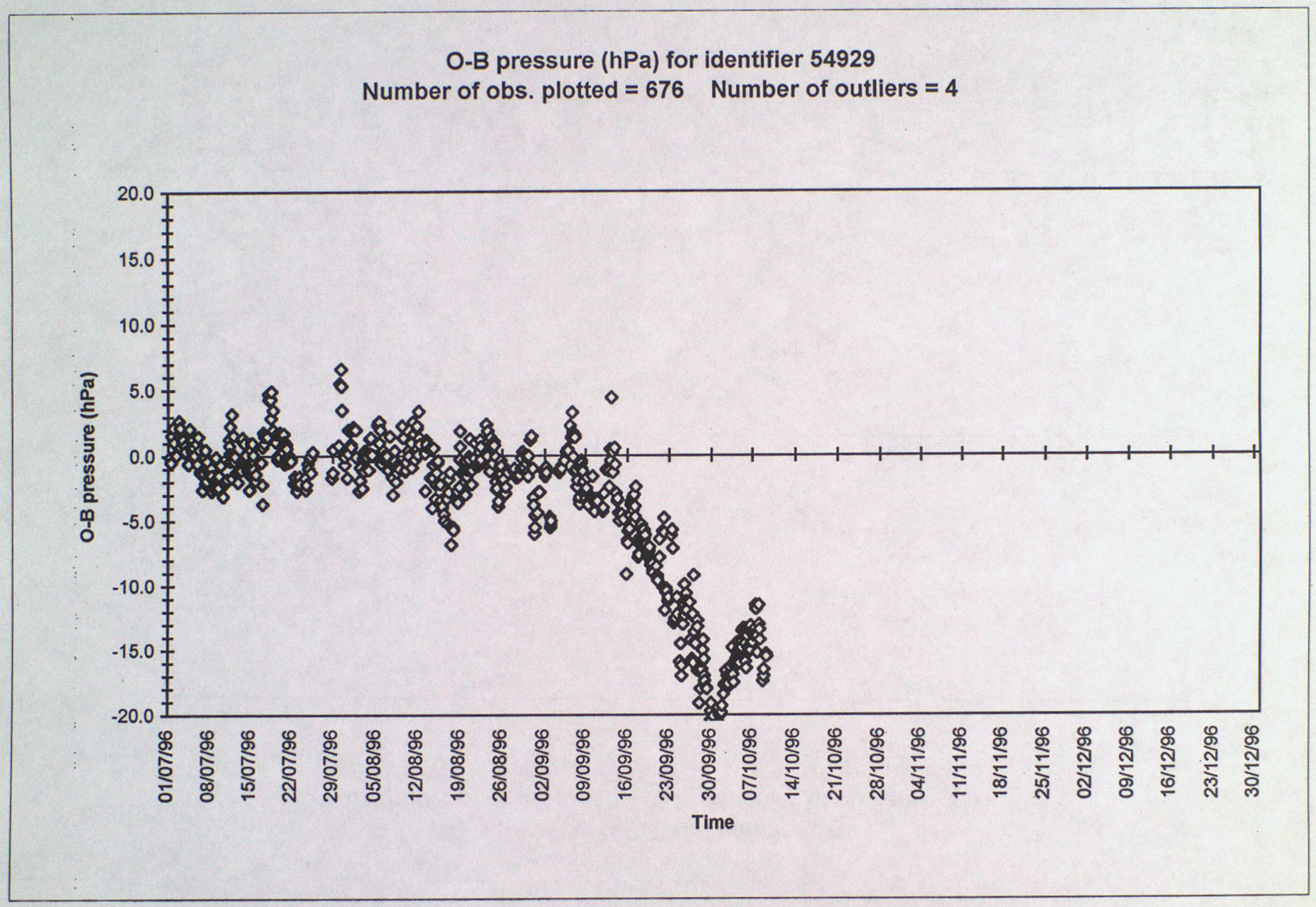
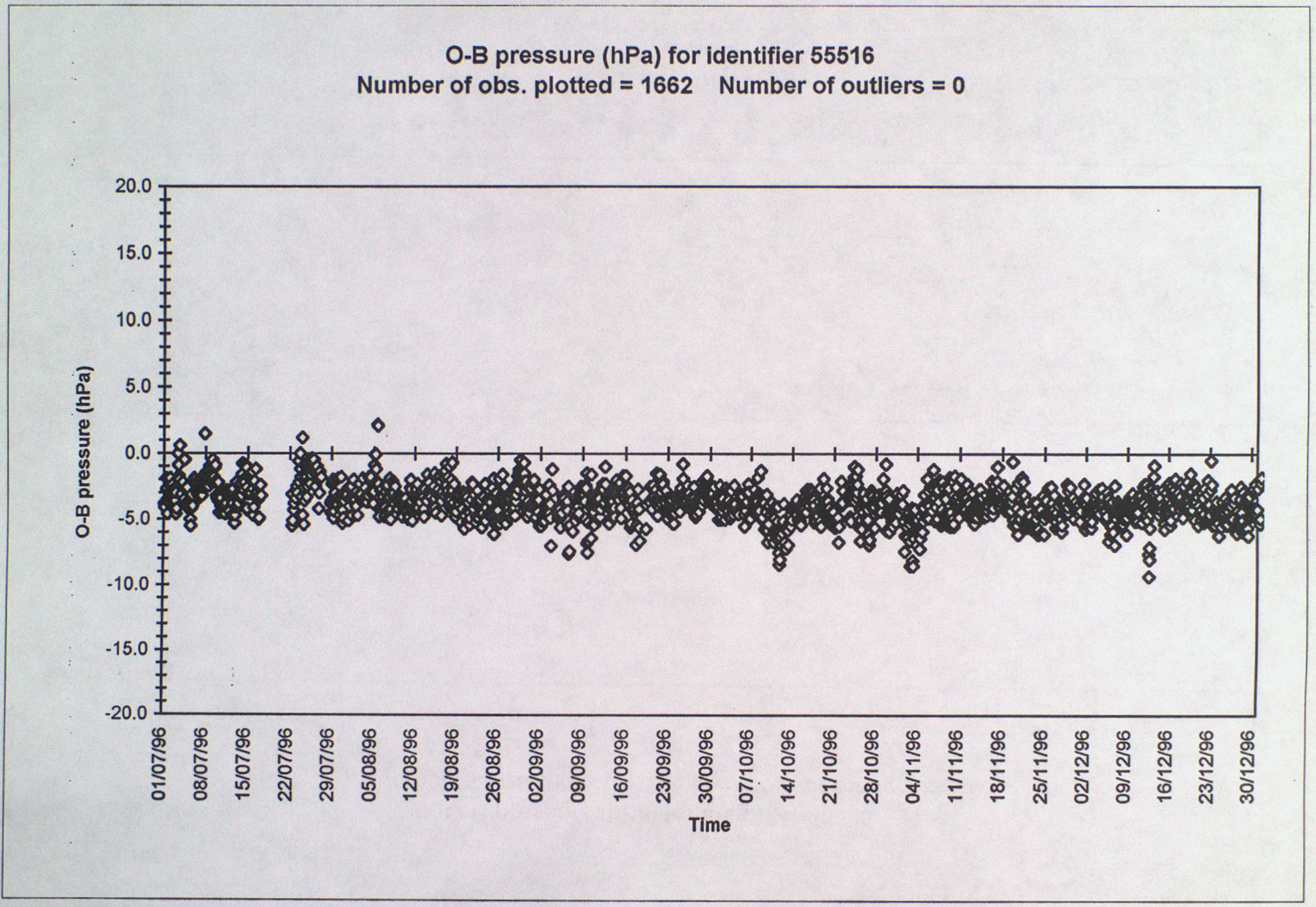
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier 54929
Number of obs. plotted = 676 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 55516
Number of obs. plotted = 1662 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 55905
Number of obs. plotted = 126 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 55908
Number of obs. plotted = 389 Number of outliers = 13
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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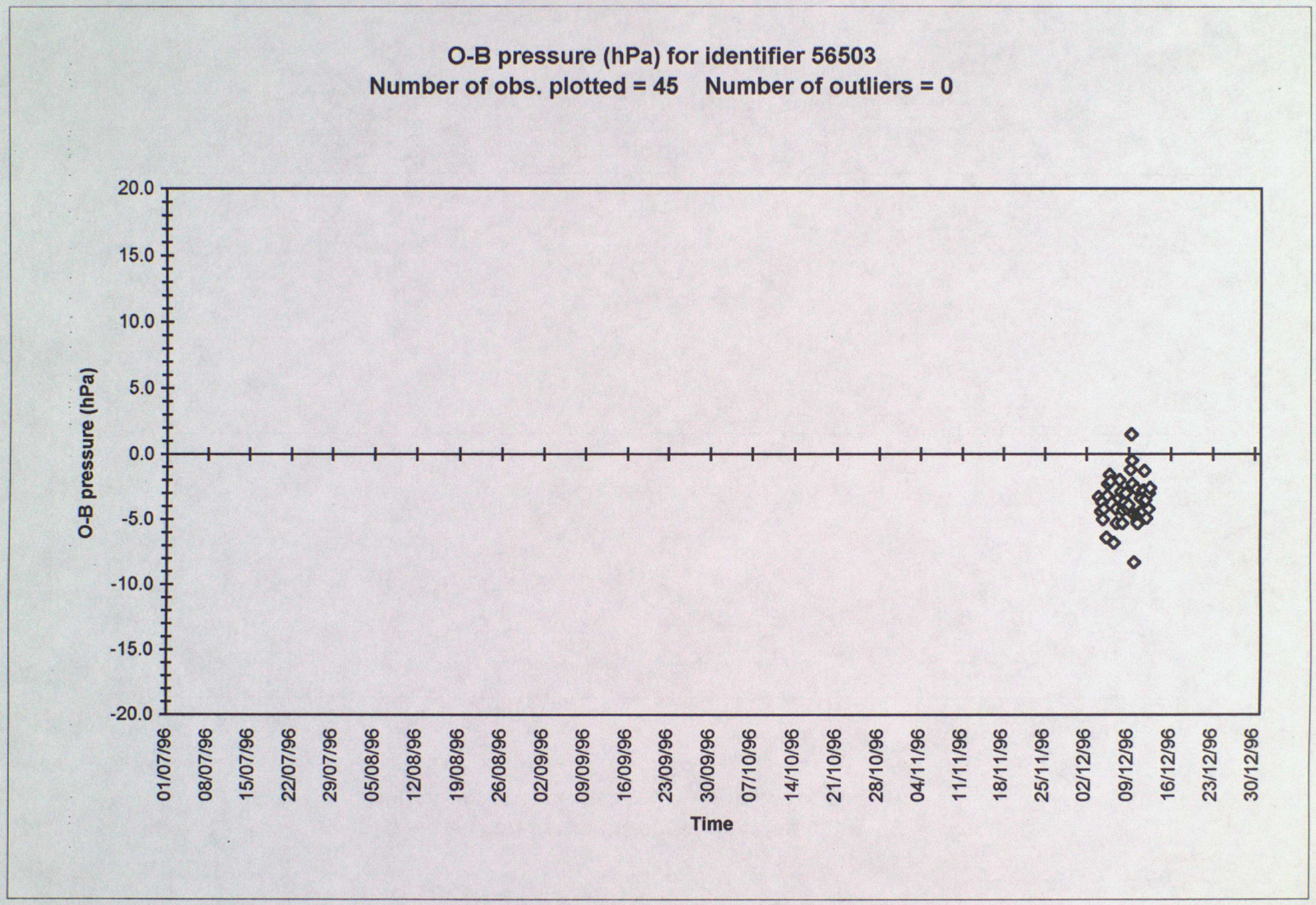
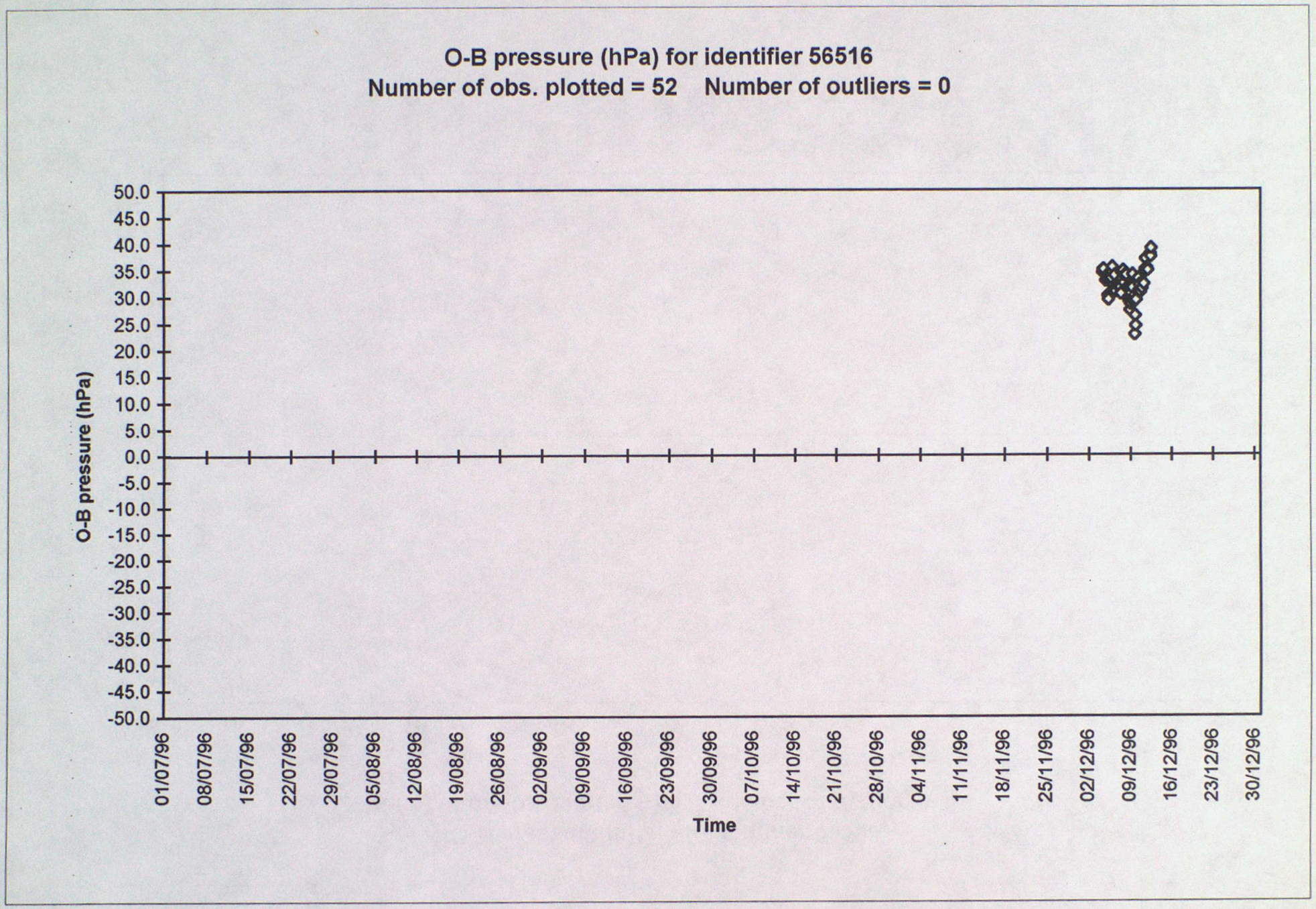
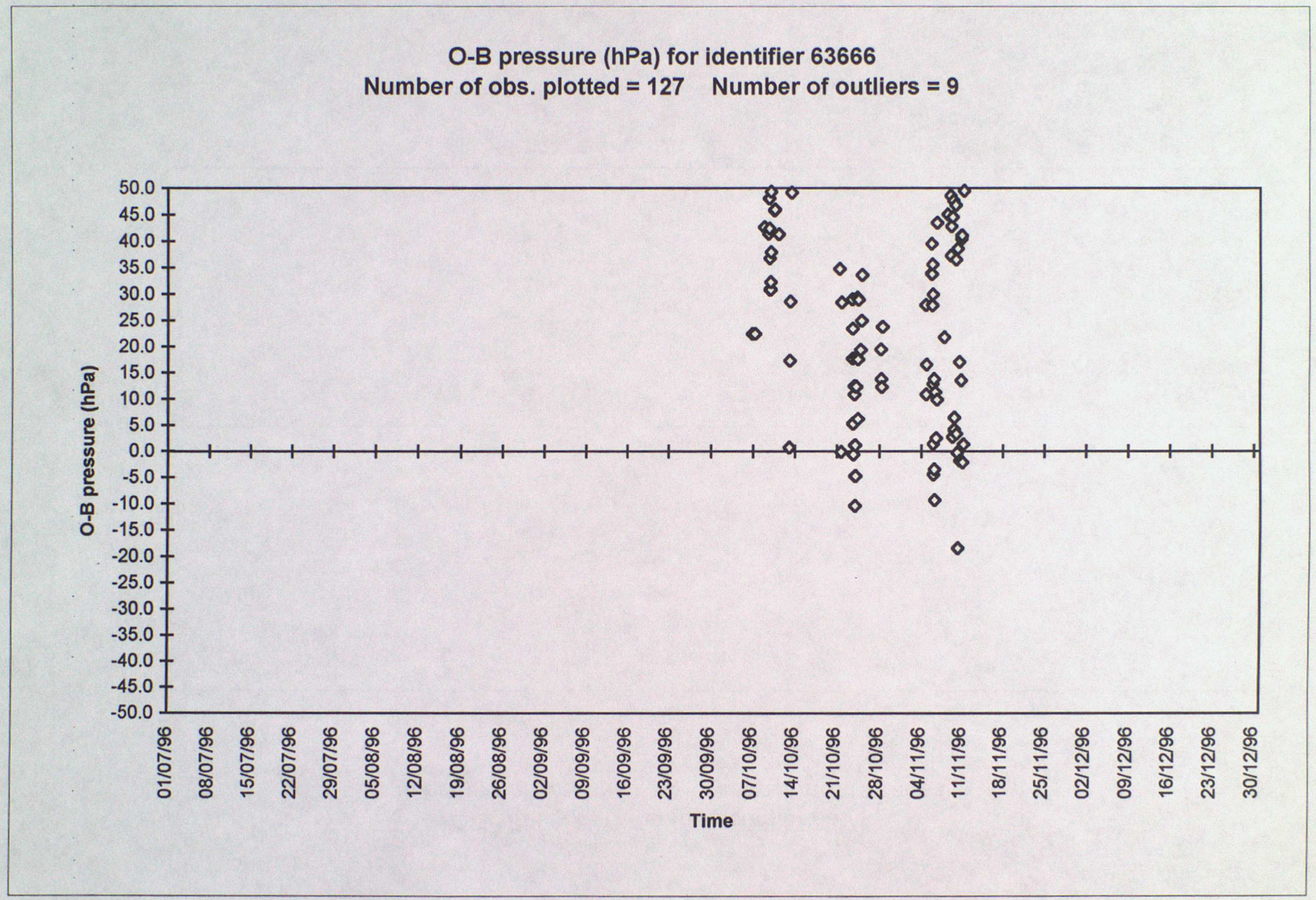
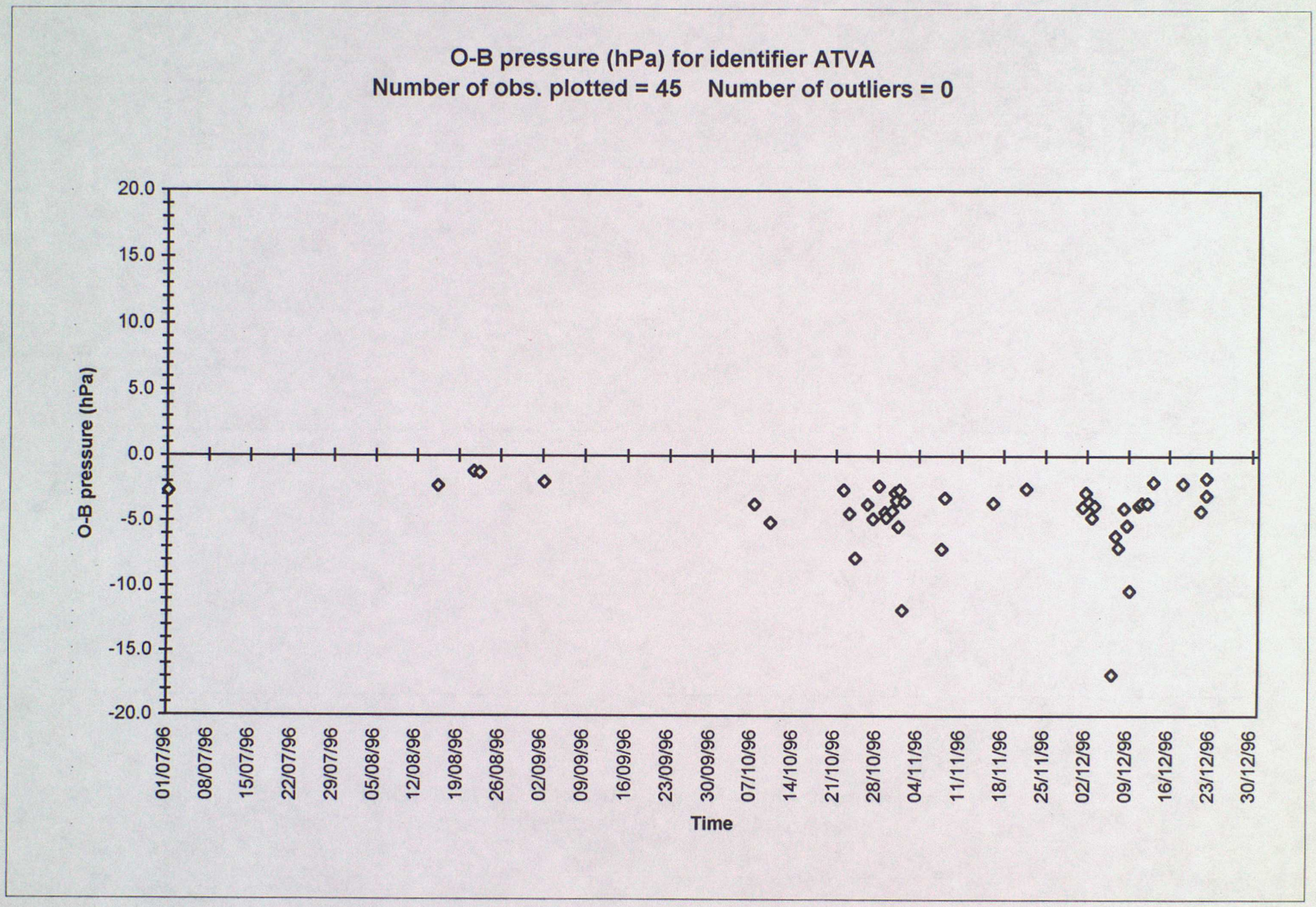
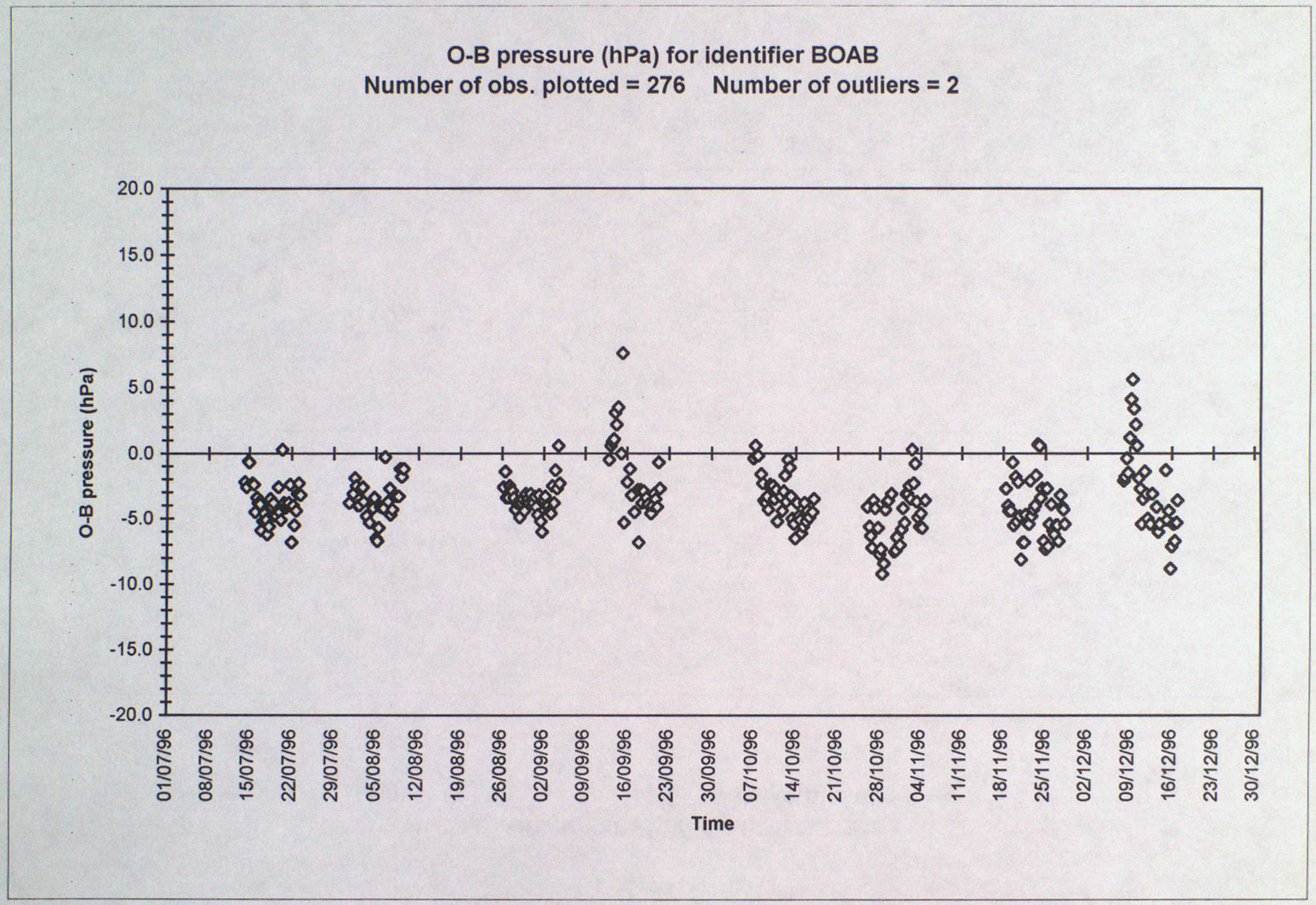
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

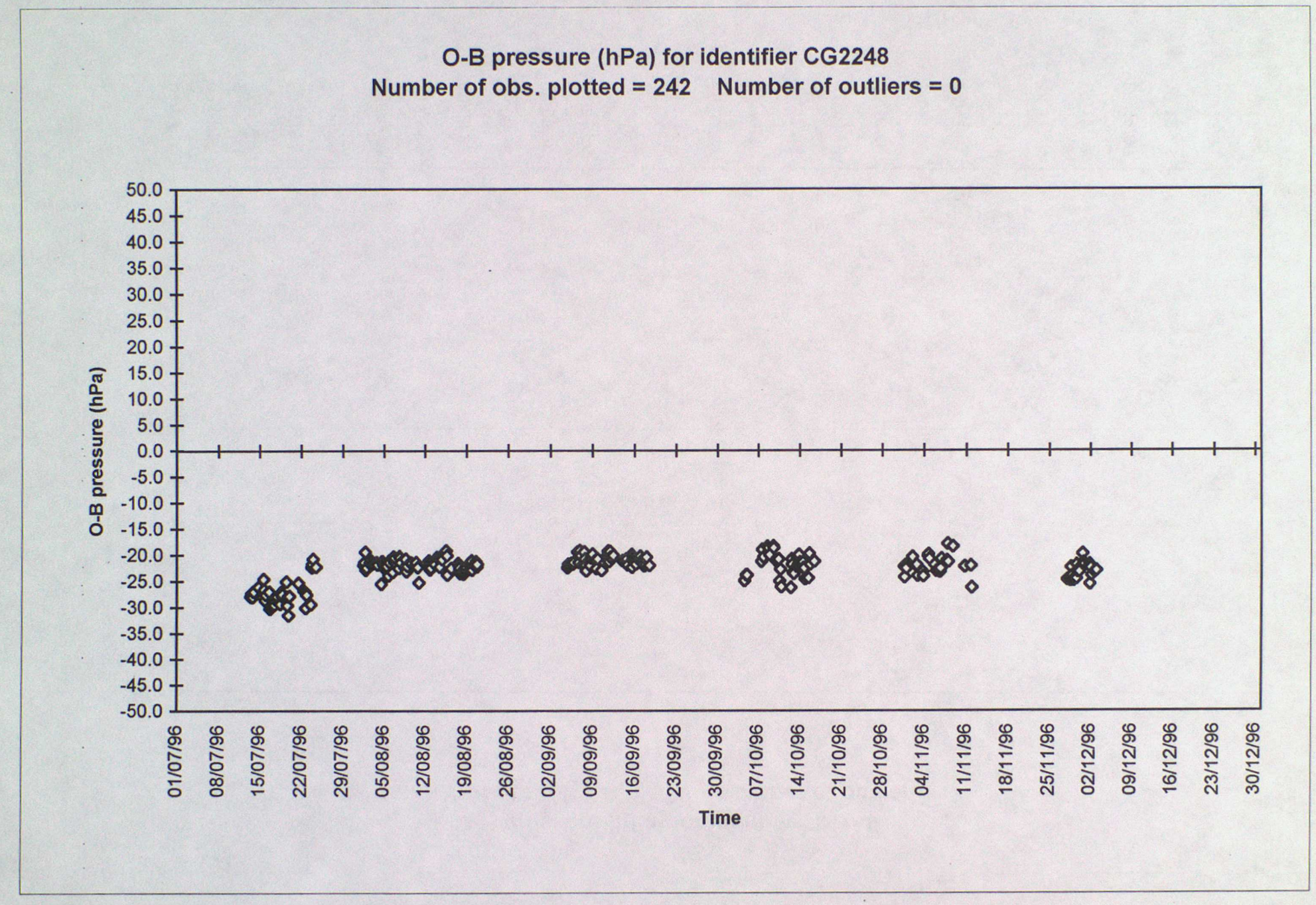

O-B pressure (hPa) for identifier 56503
Number of obs. plotted = 45 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

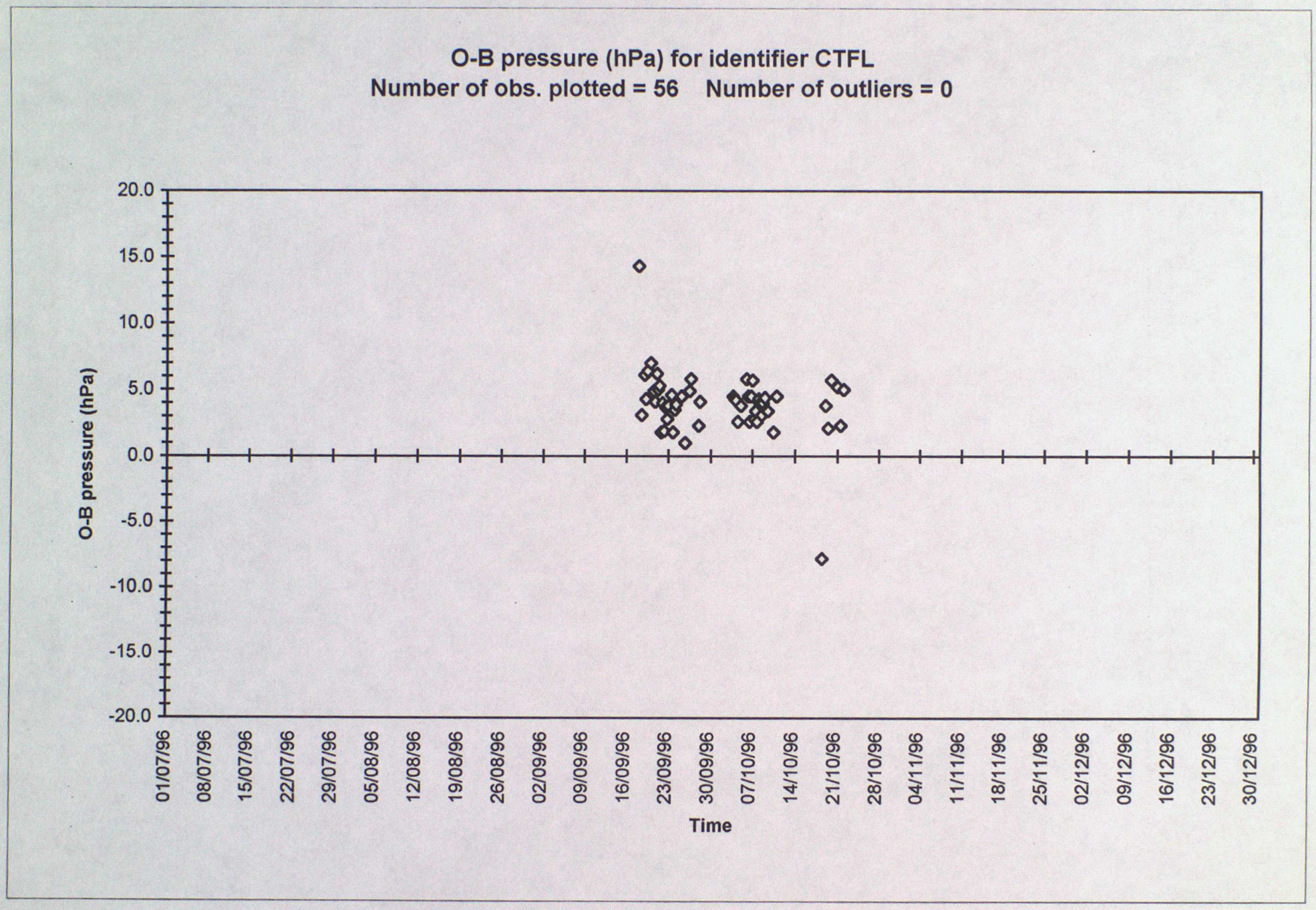

O-B pressure (hPa) for identifier 56516
Number of obs. plotted = 52 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

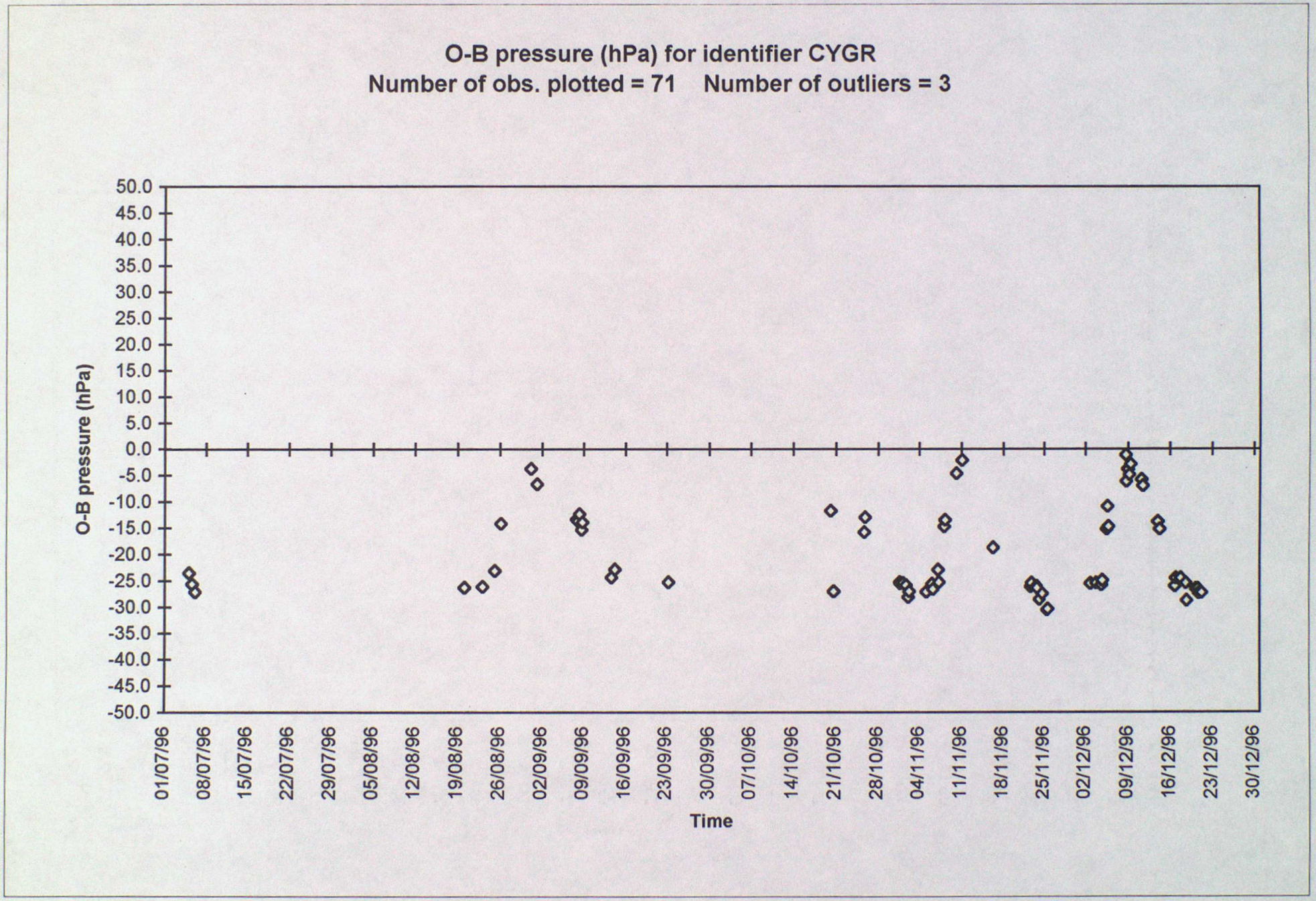

O-B pressure (hPa) for identifier 63666
Number of obs. plotted = 127 Number of outliers = 9
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier ATVA
Number of obs. plotted = 45 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier BOAB
Number of obs. plotted = 276 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier CG2248
Number of obs. plotted = 242 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier CTFL
Number of obs. plotted = 56 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier CYGR
Number of obs. plotted = 71 Number of outliers = 3
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier CYJZ
Number of obs. plotted = 45 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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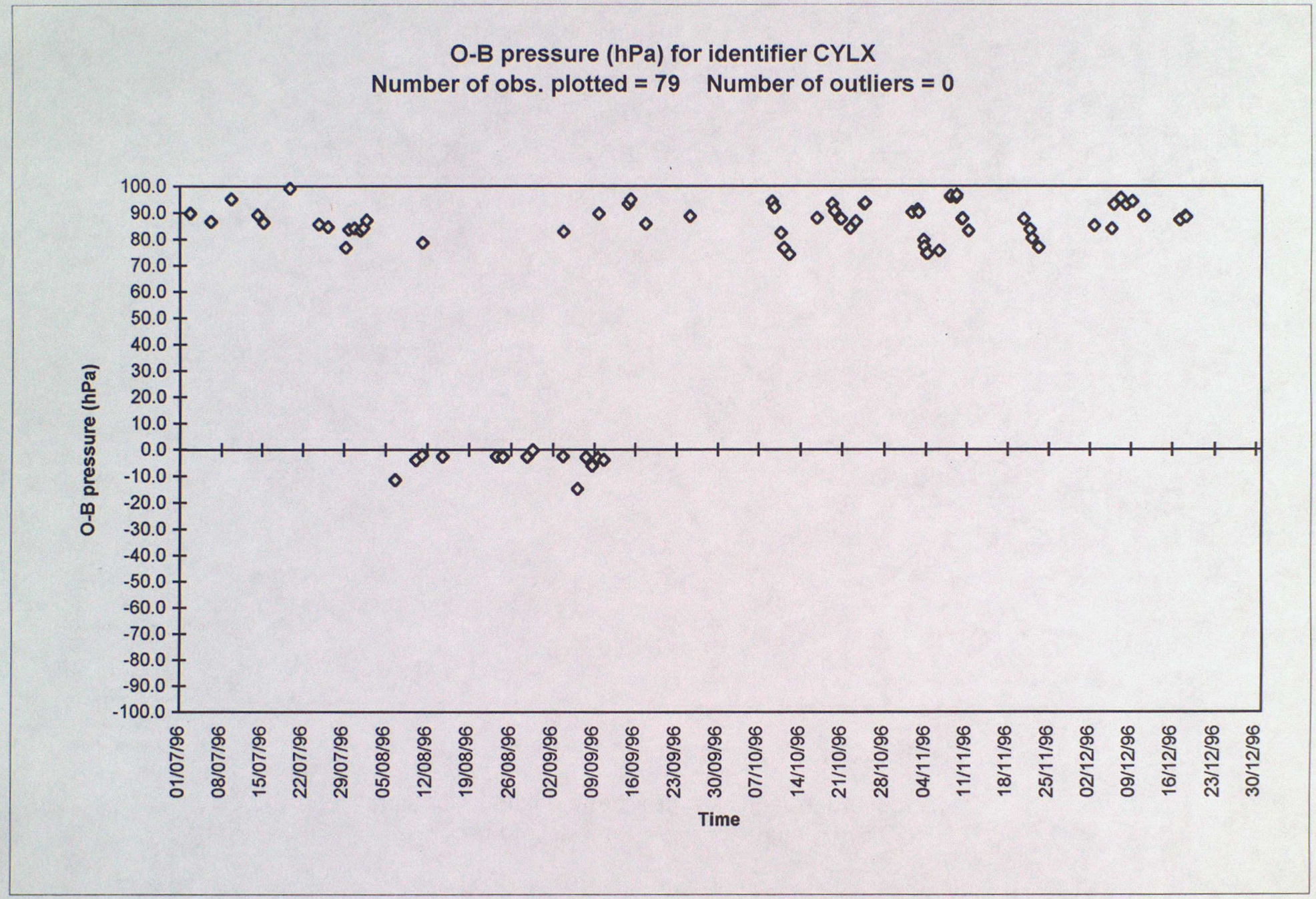
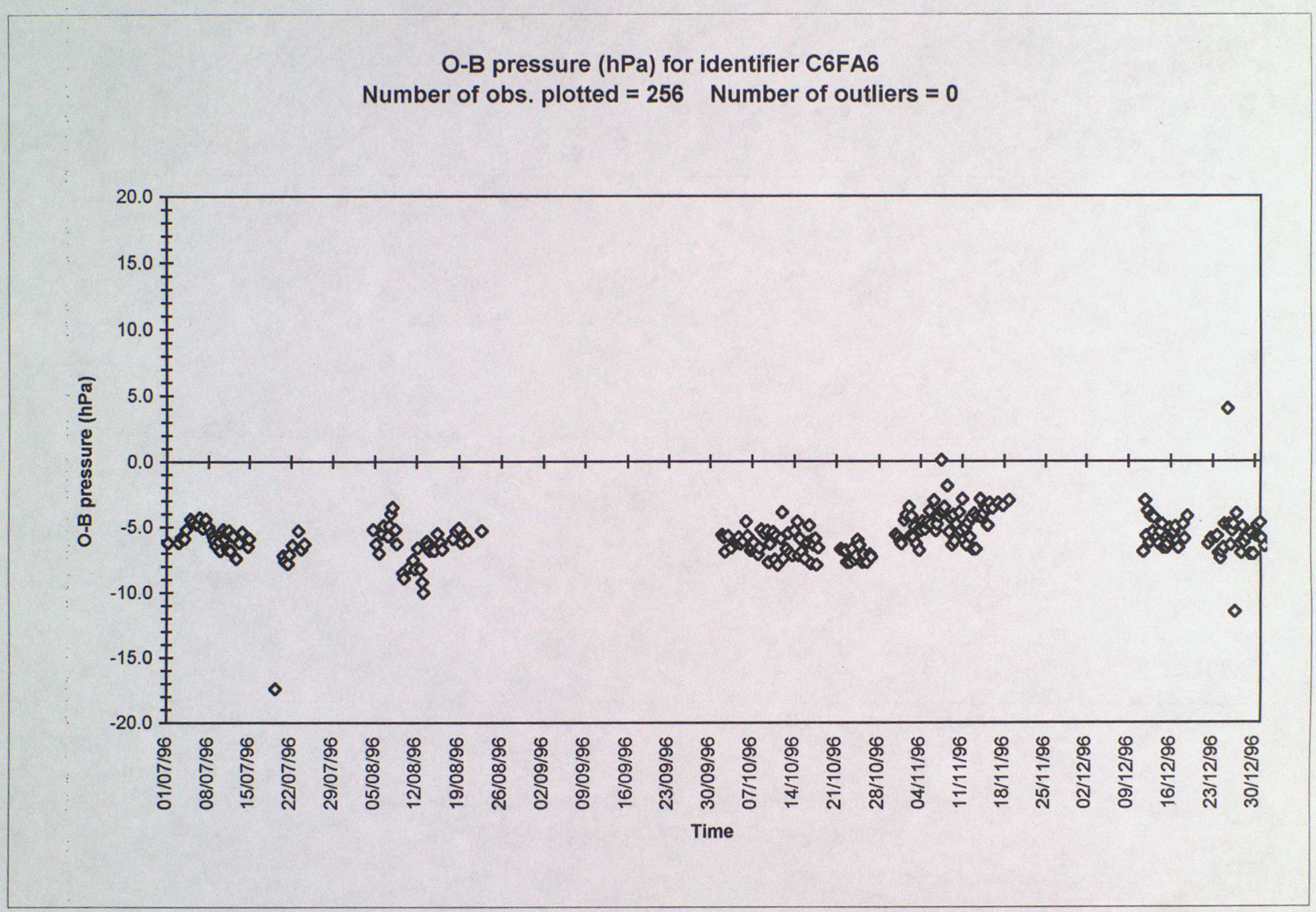
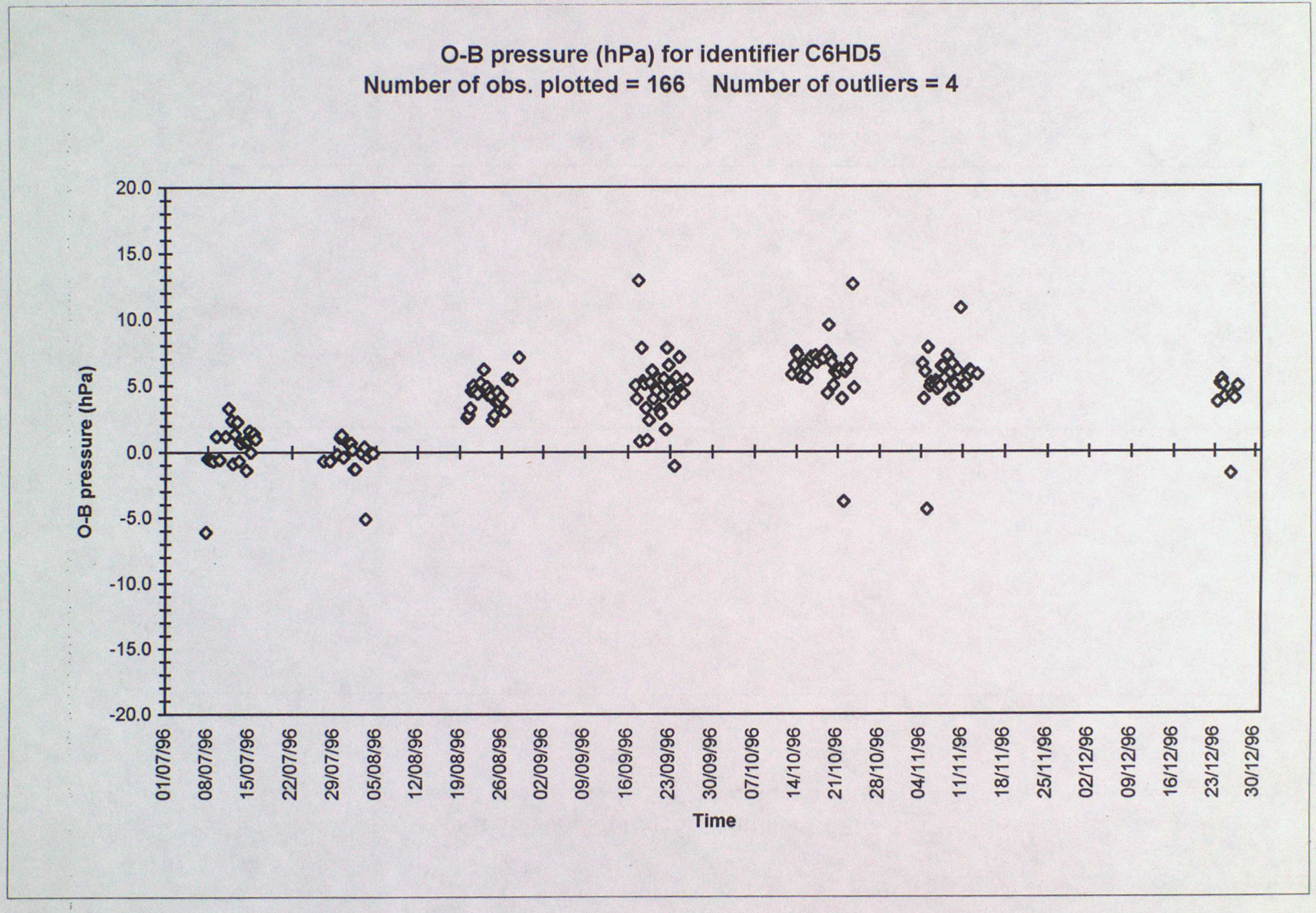
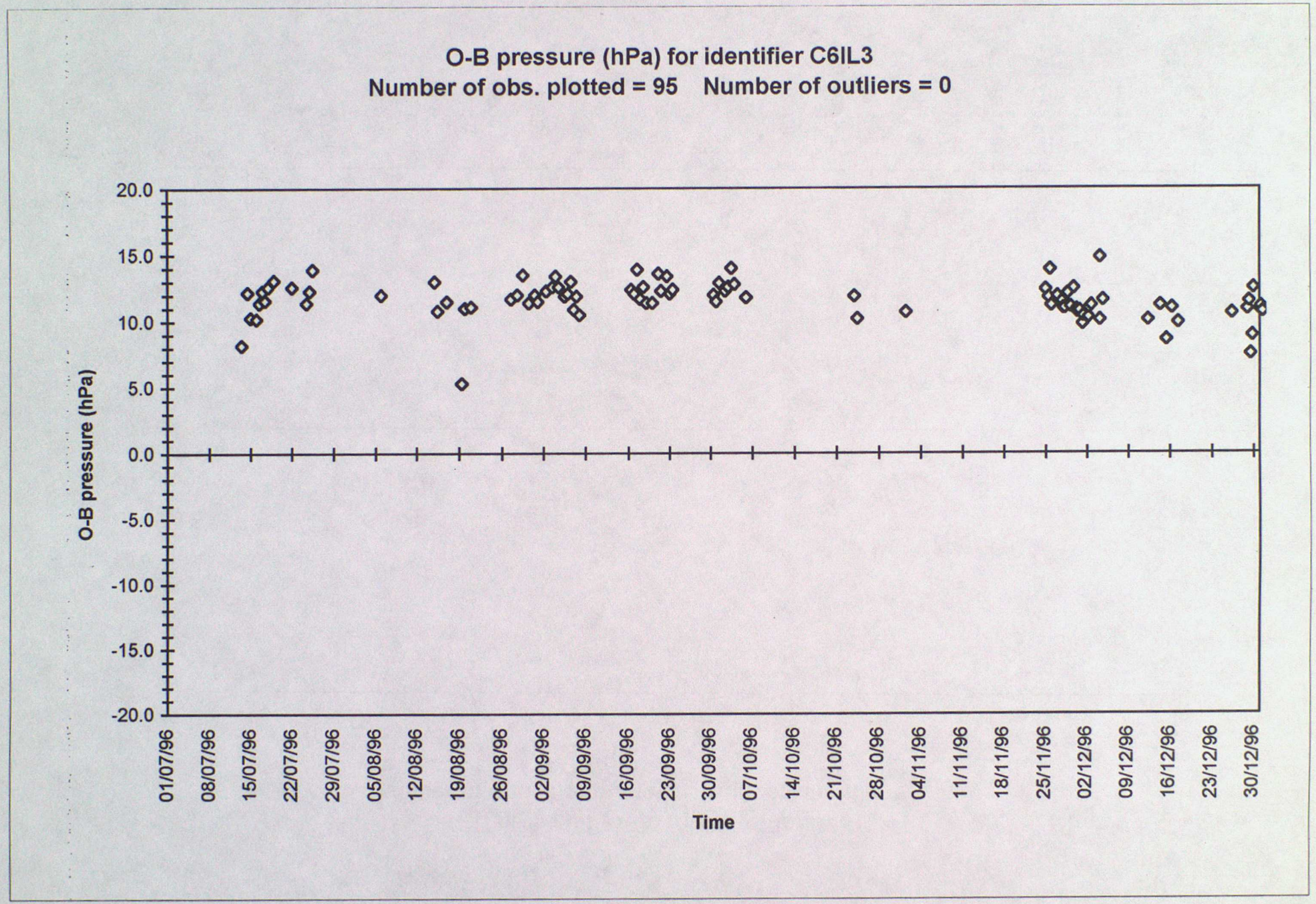
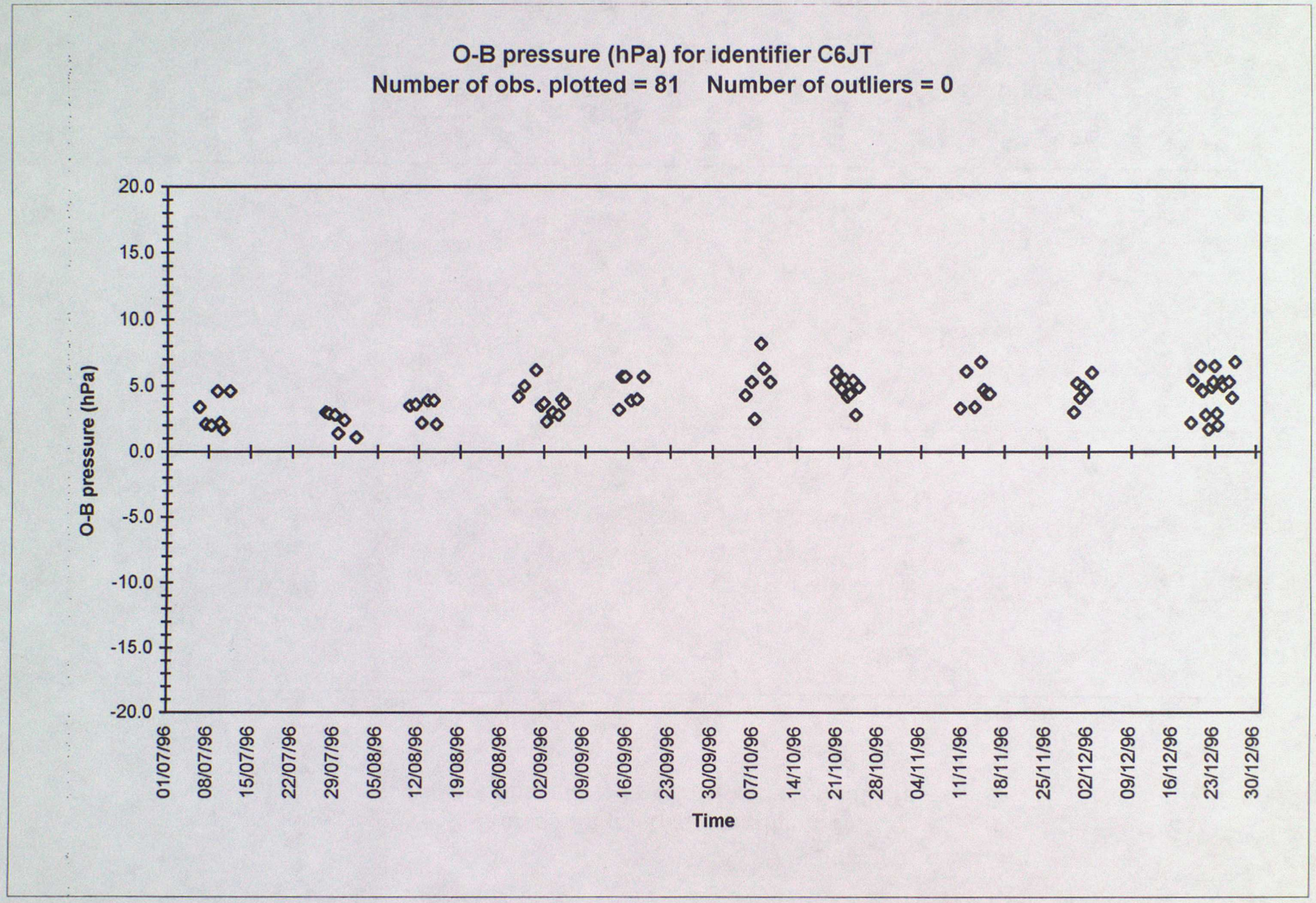
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

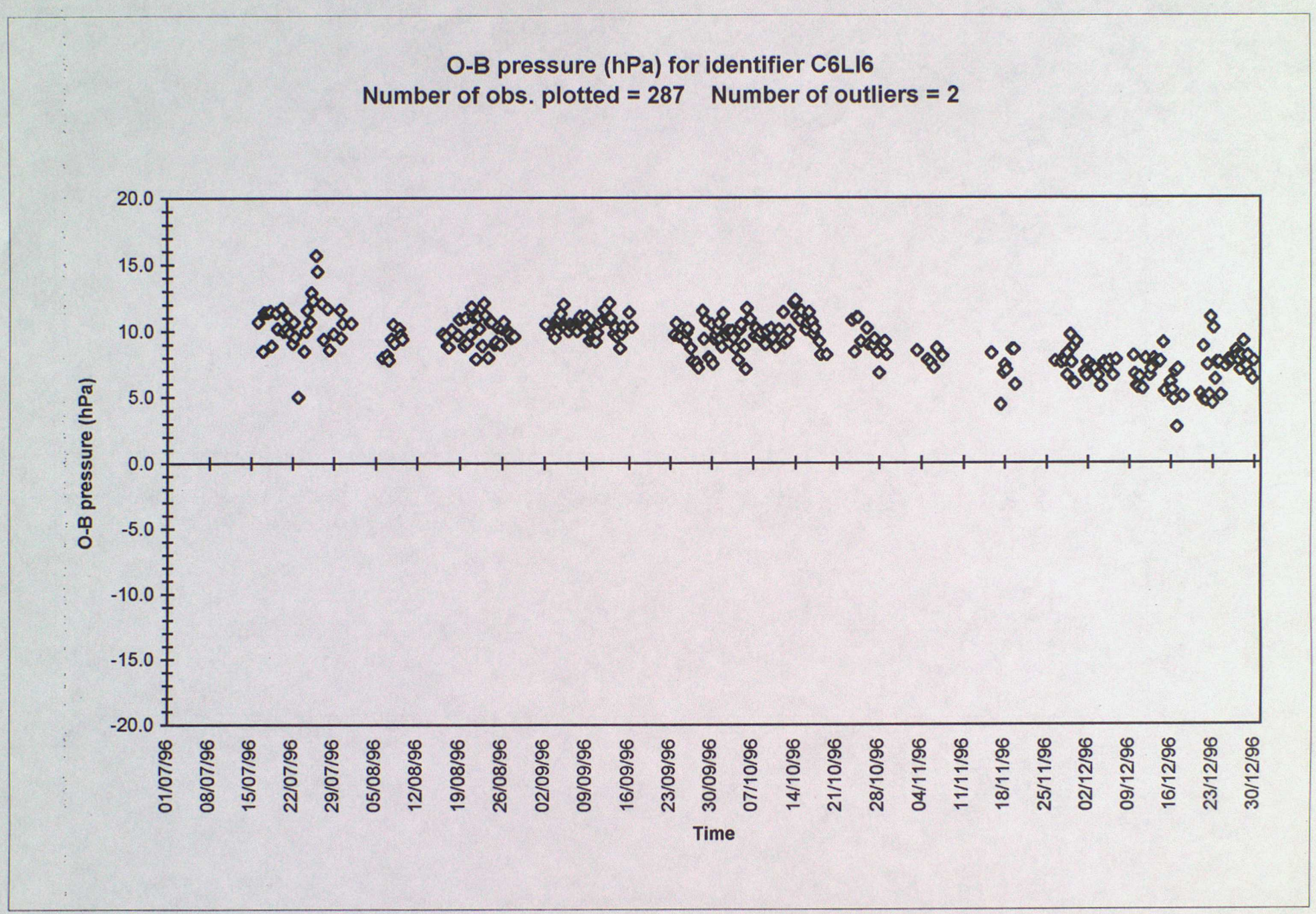

O-B pressure (hPa) for identifier CYLX
Number of obs. plotted = 79 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

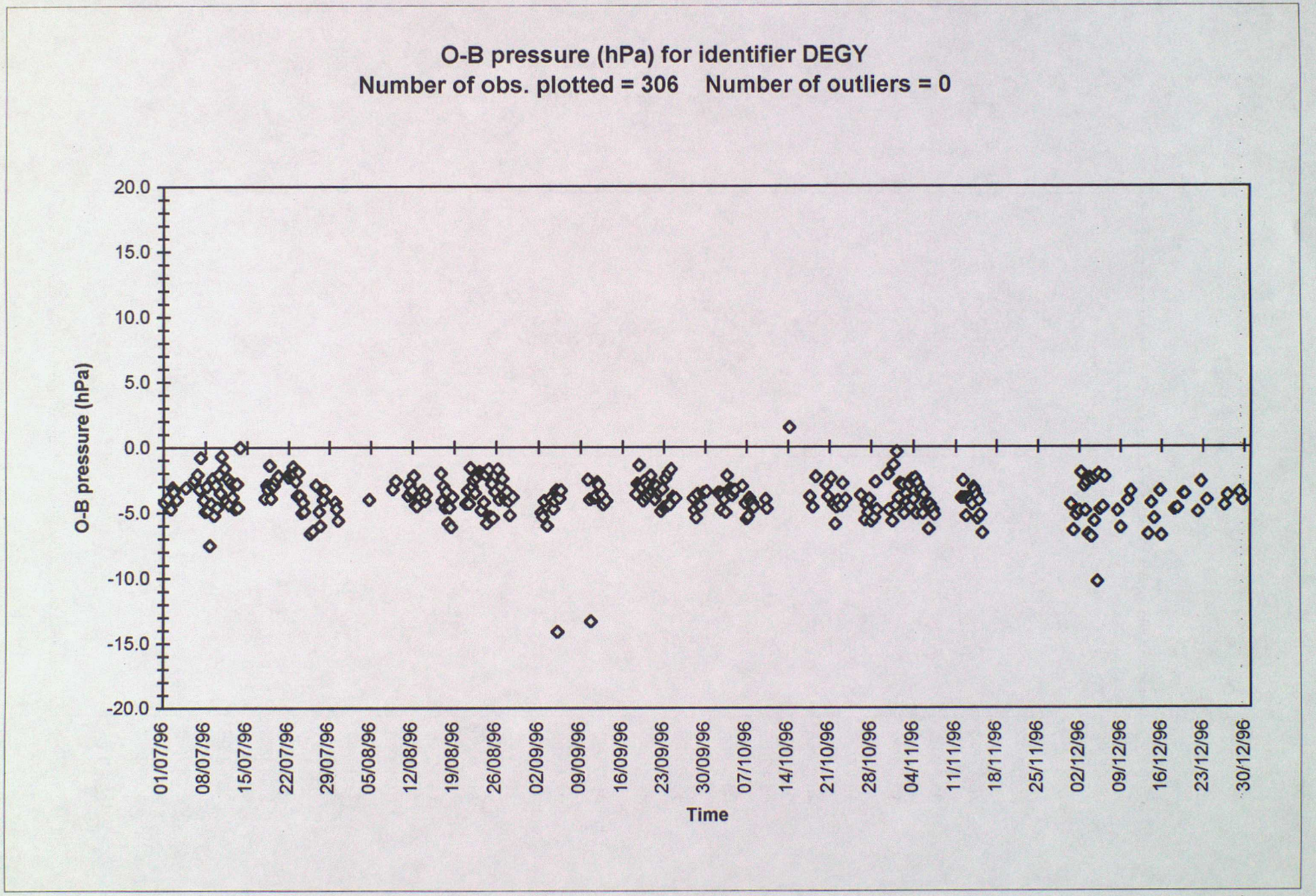

O-B pressure (hPa) for identifier C6FA6
Number of obs. plotted = 256 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

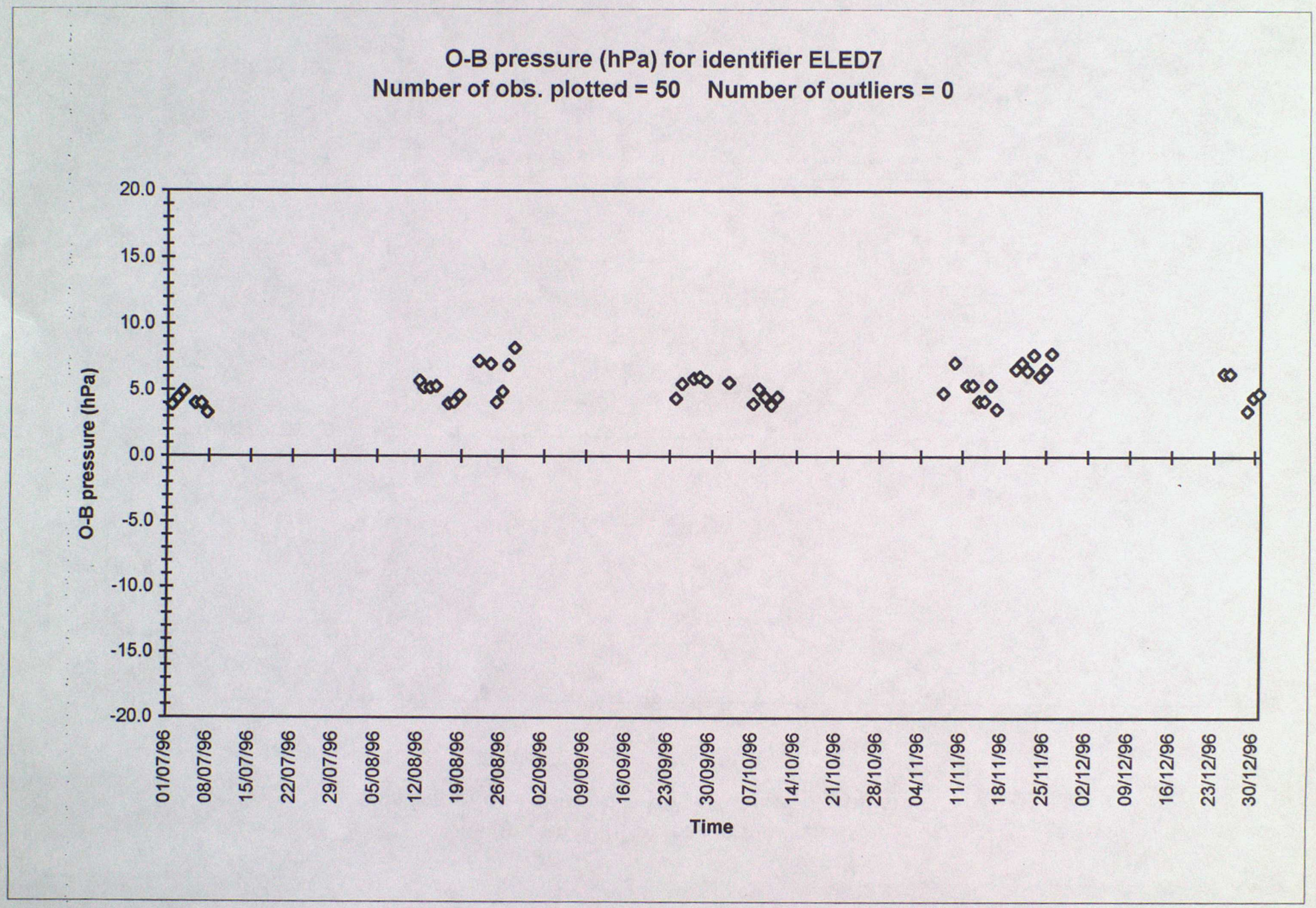

O-B pressure (hPa) for identifier C6HD5
Number of obs. plotted = 166 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

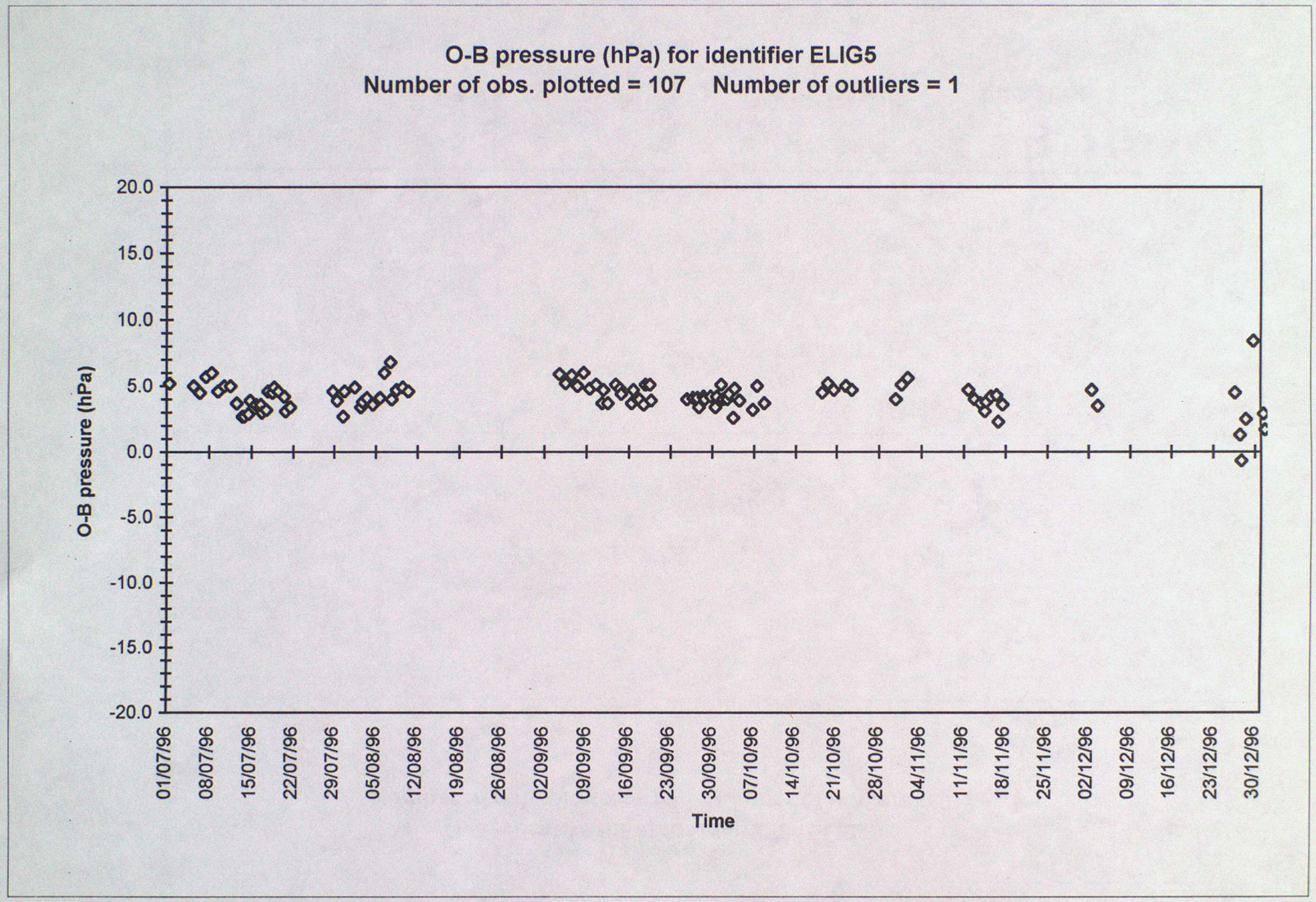

O-B pressure (hPa) for identifier C6IL3
Number of obs. plotted = 95 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier C6JT
Number of obs. plotted = 81 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier C6LI6
Number of obs. plotted = 287 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier DEGY
Number of obs. plotted = 306 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier ELED7
Number of obs. plotted = 50 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier ELIG5
Number of obs. plotted = 107 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier ELIR4
Number of obs. plotted = 53 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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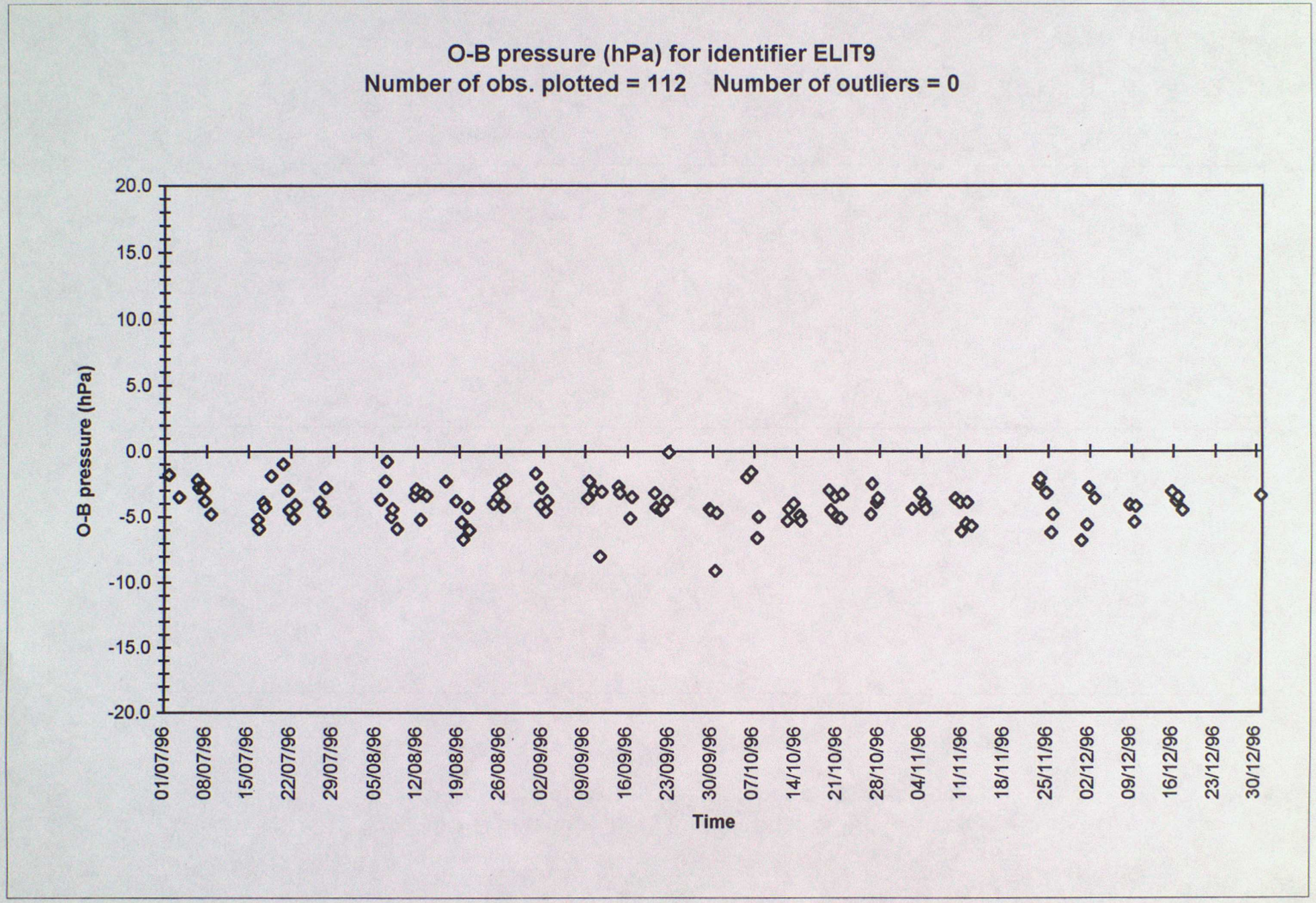
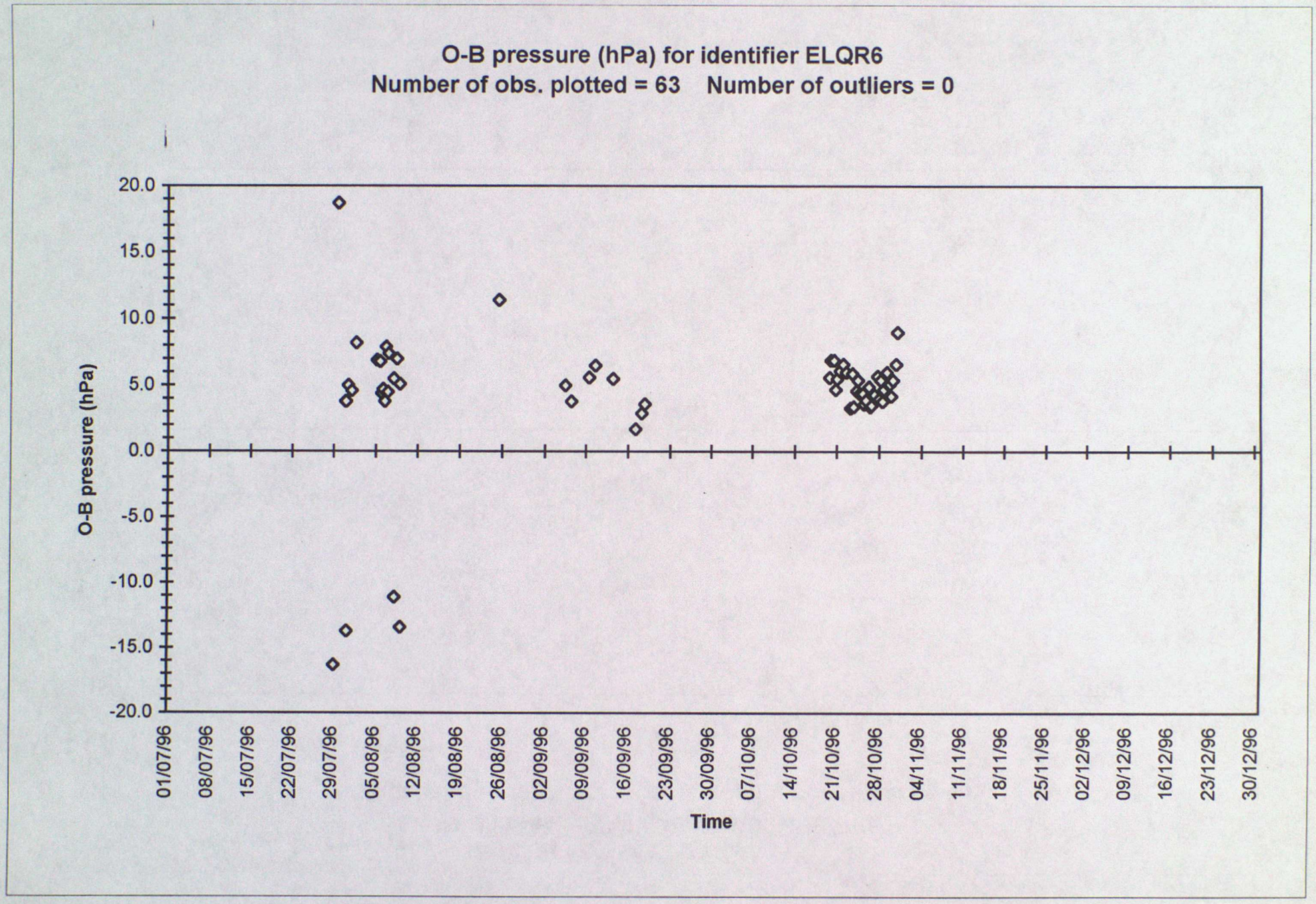
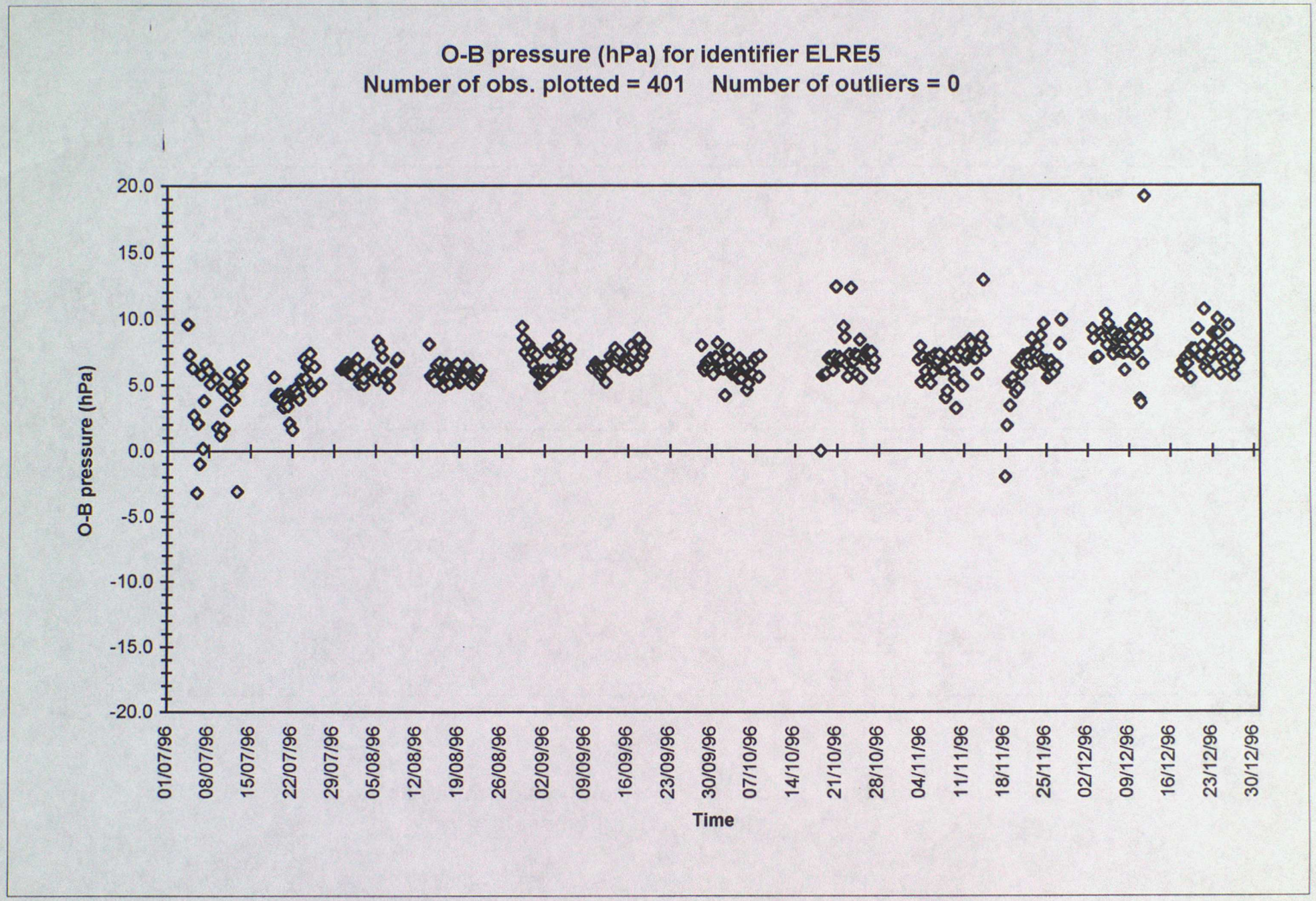
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier ELIT9
Number of obs. plotted = 112 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier ELQR6
Number of obs. plotted = 63 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier ELRE5
Number of obs. plotted = 401 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier ELRV8
Number of obs. plotted = 47 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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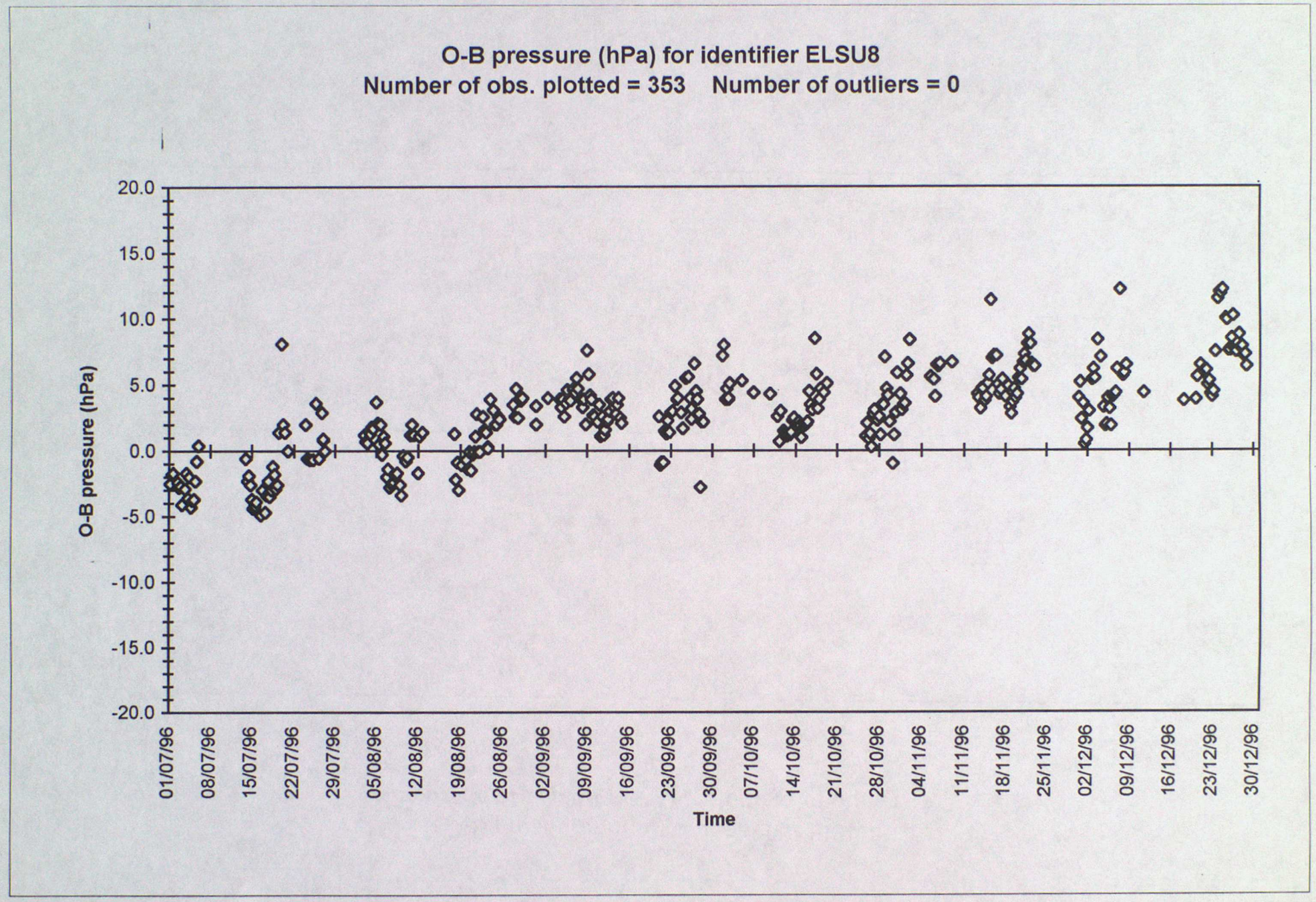
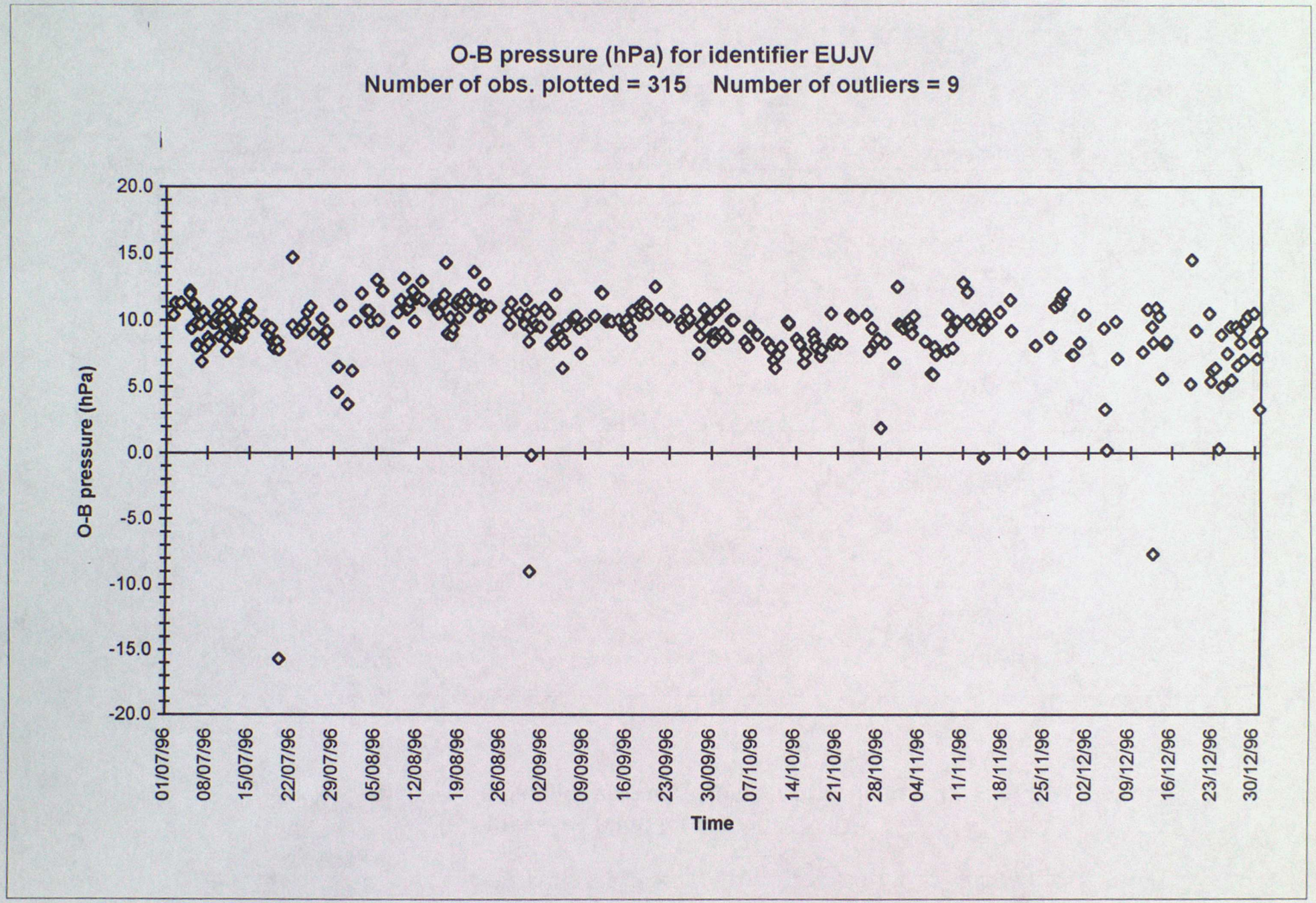
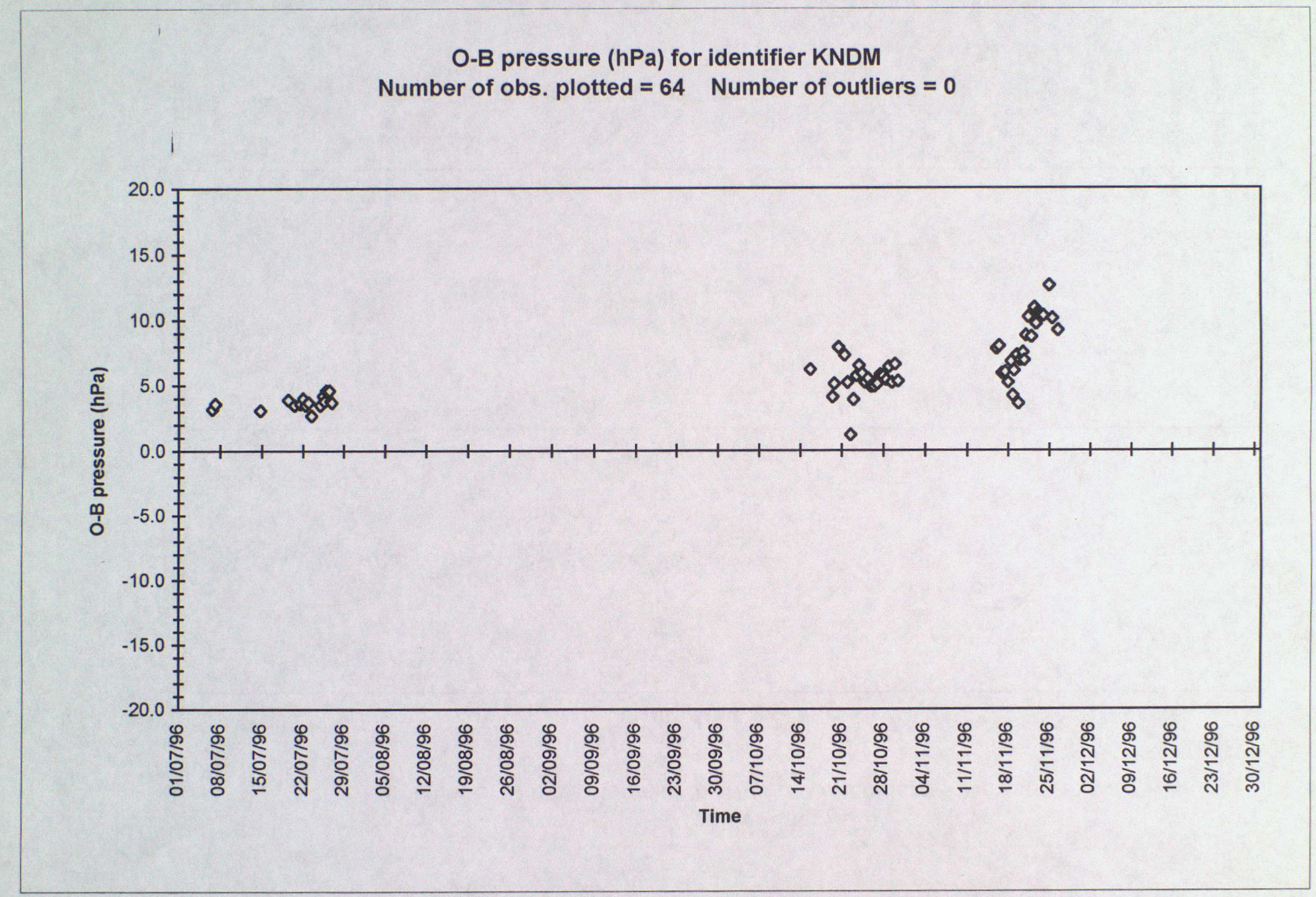
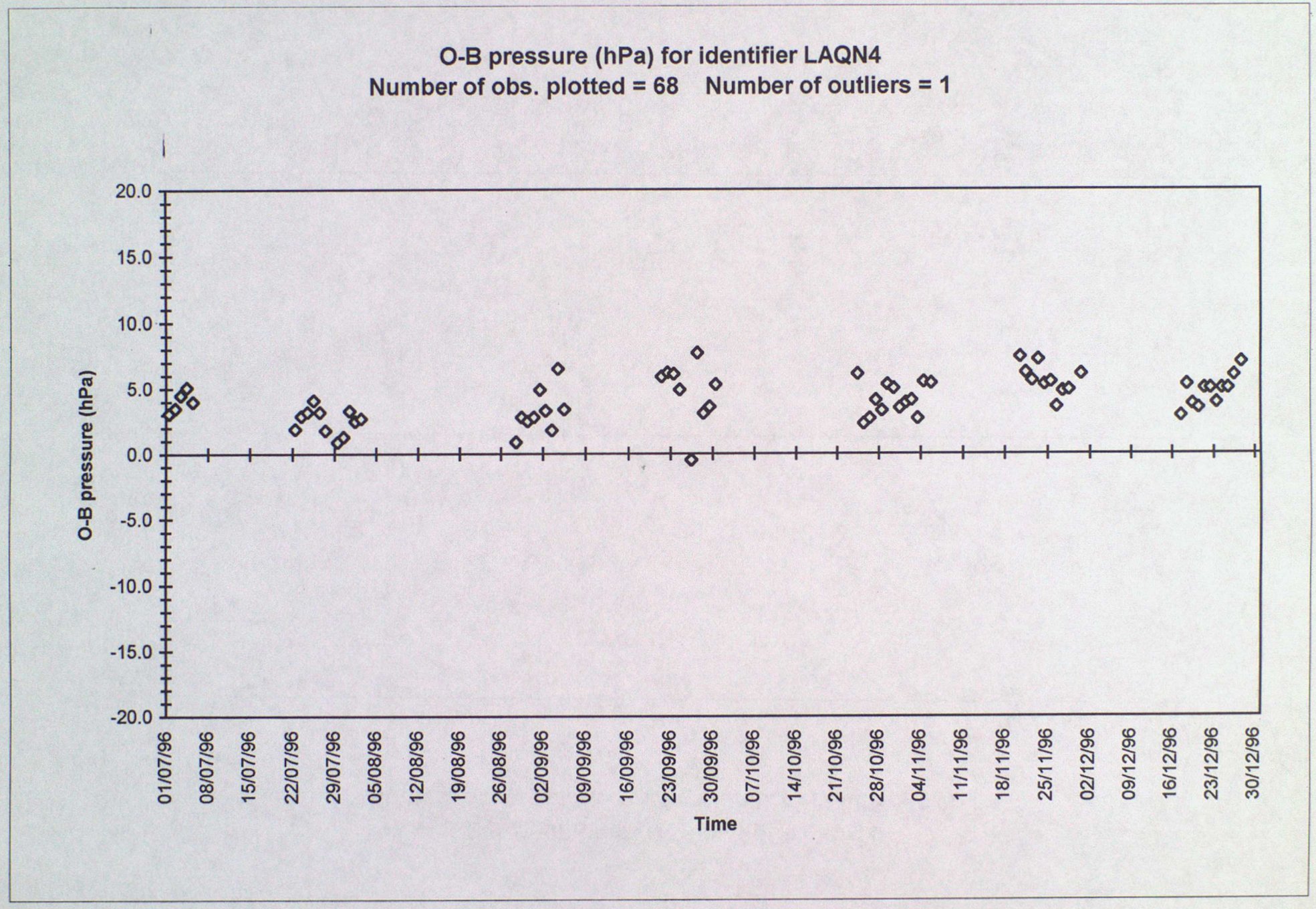
09/12/96
16/12/96
23/12/96
30/12/96

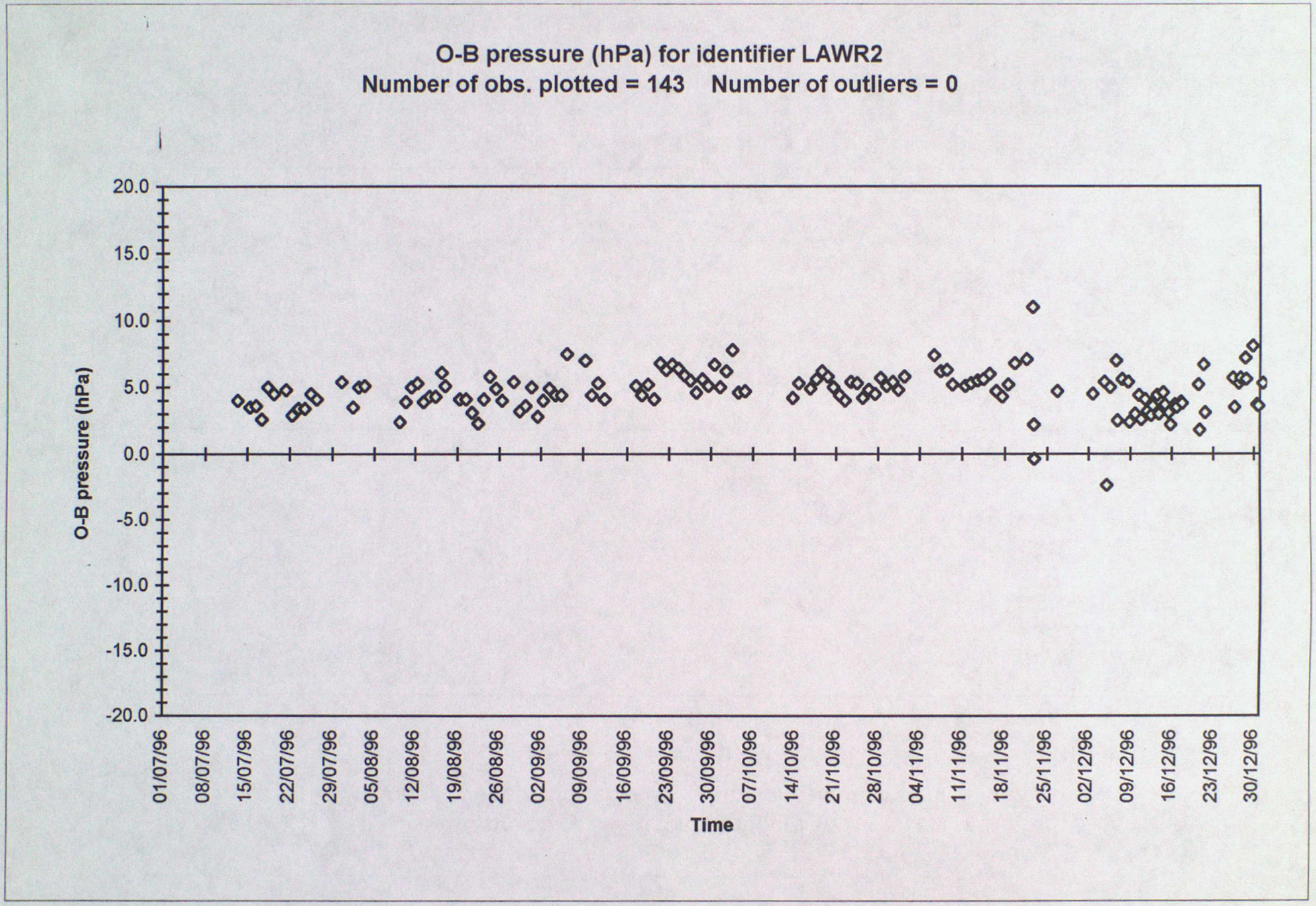

O-B pressure (hPa) for identifier ELSU8
Number of obs. plotted = 353 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

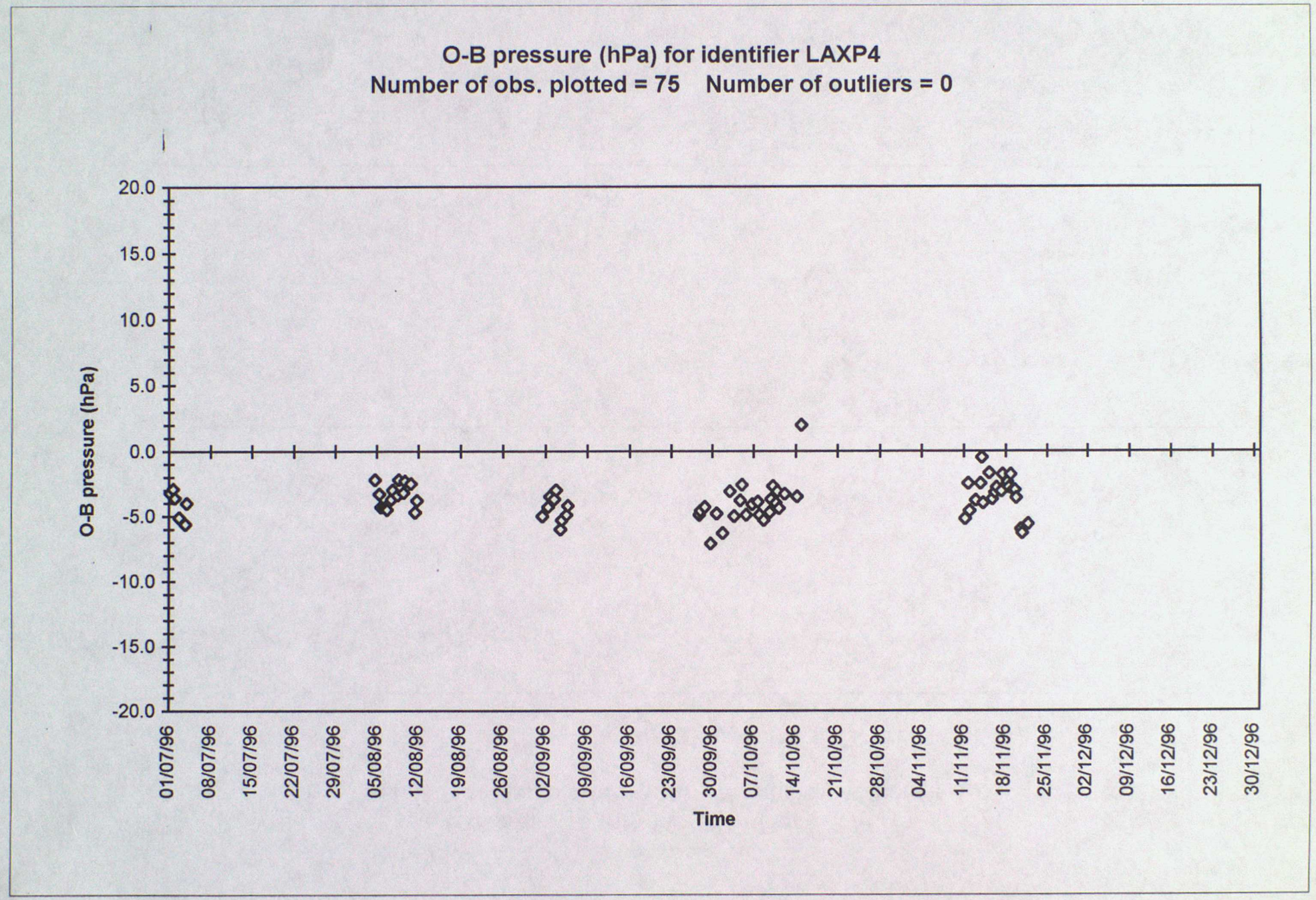

O-B pressure (hPa) for identifier EUJV
Number of obs. plotted = 315 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

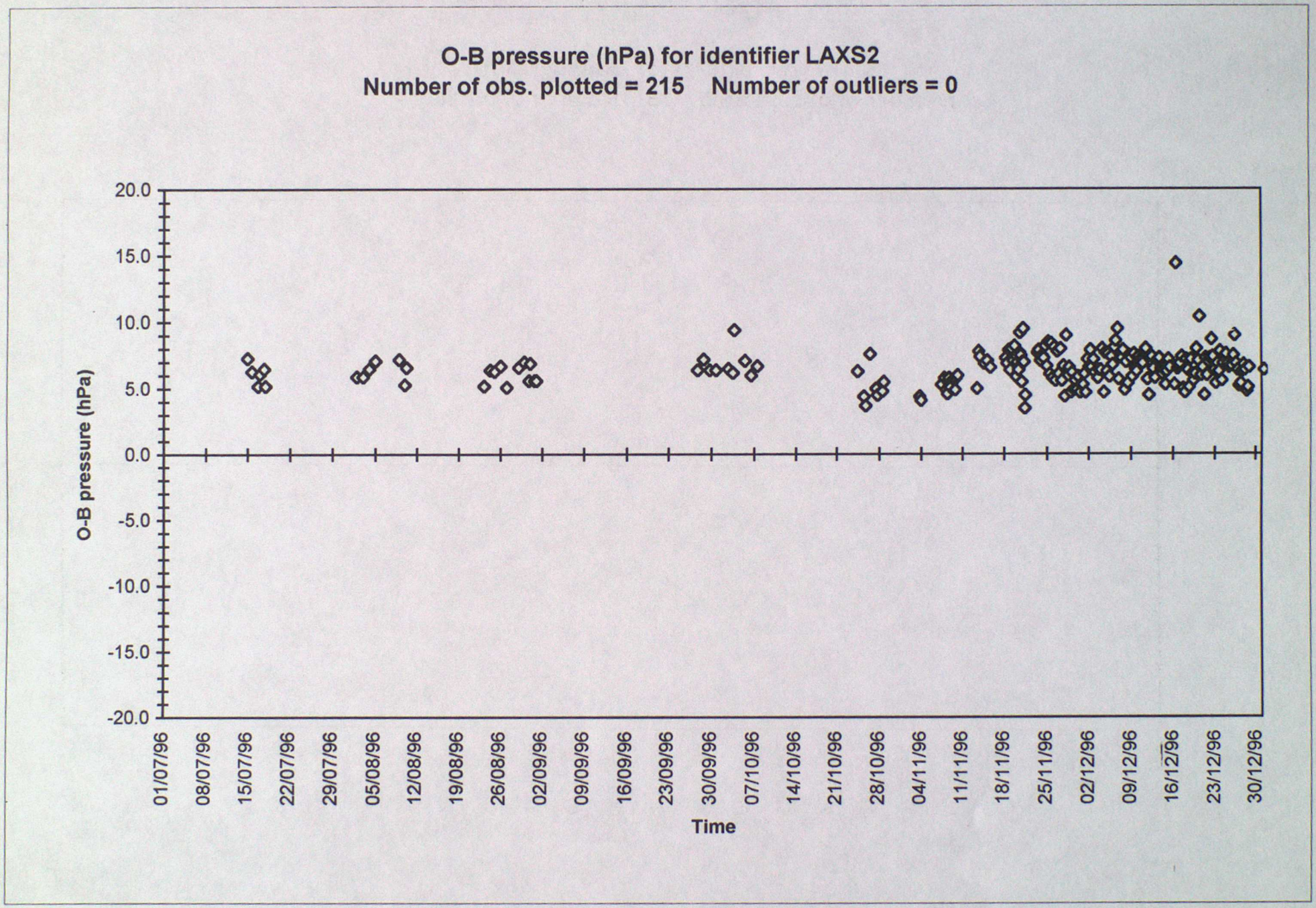

O-B pressure (hPa) for identifier KNDM
Number of obs. plotted = 64 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

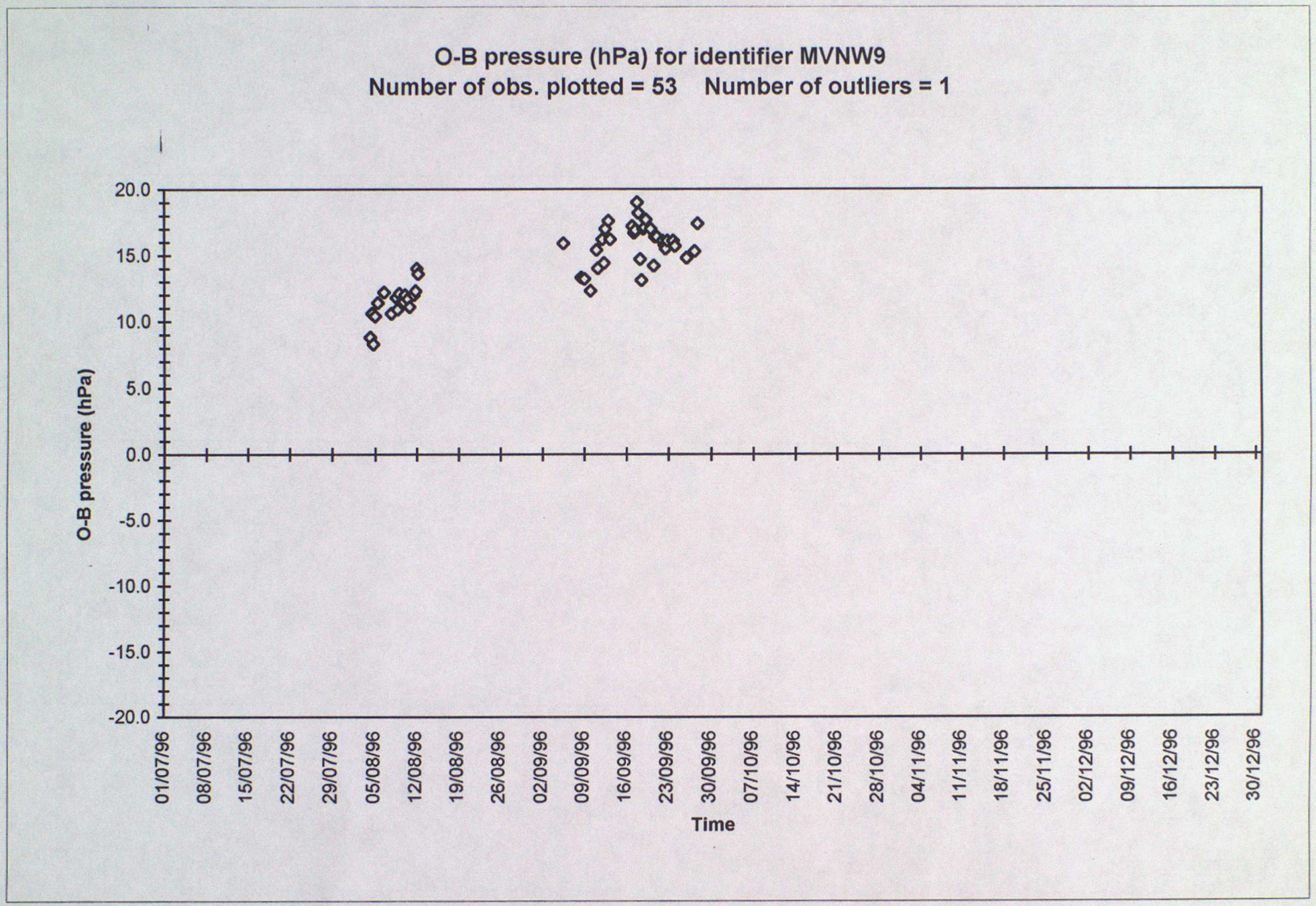

O-B pressure (hPa) for identifier LAQN4
Number of obs. plotted = 68 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

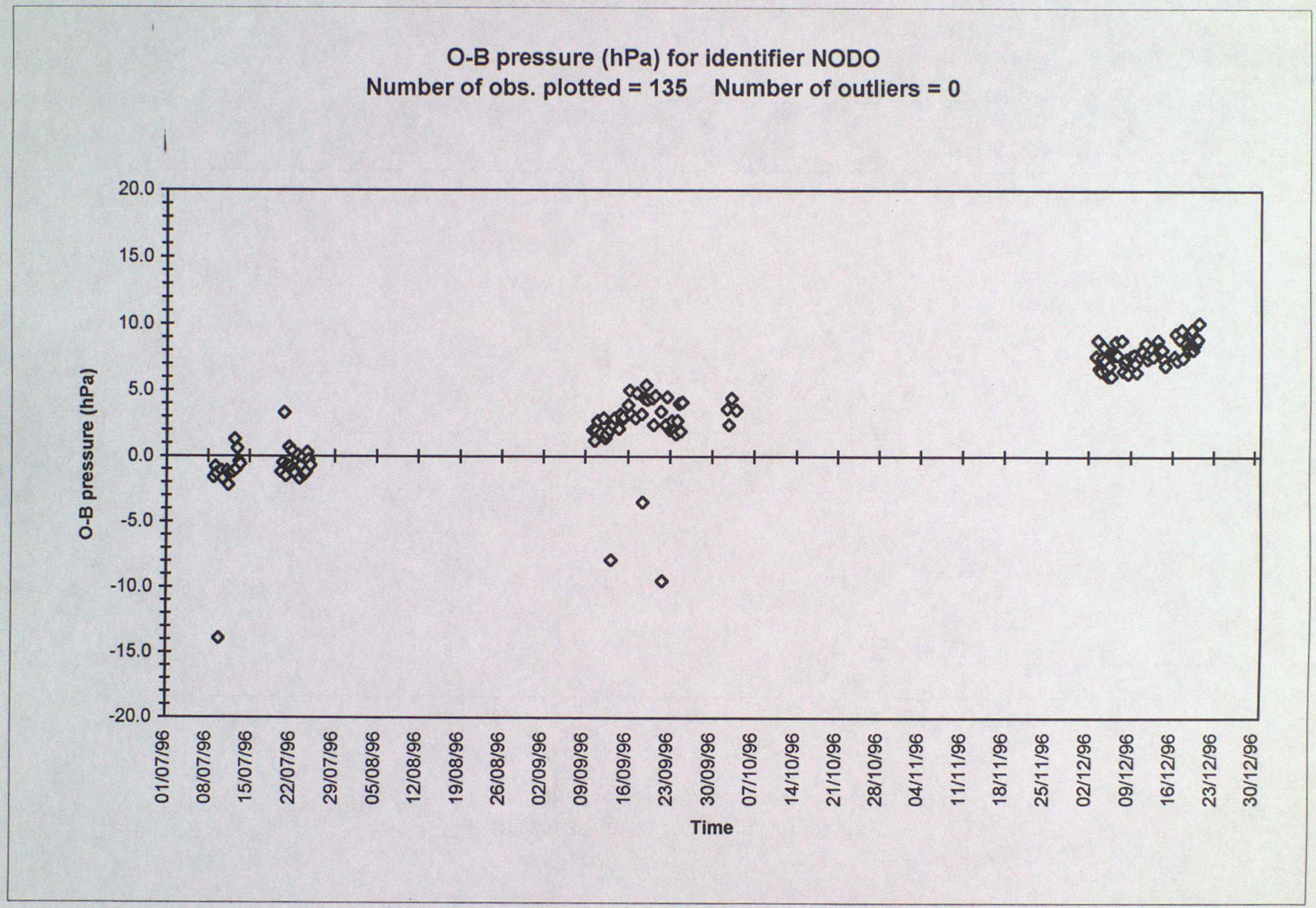
O-B pressure (hPa) for identifier LAVG4
Number of obs. plotted = 90 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

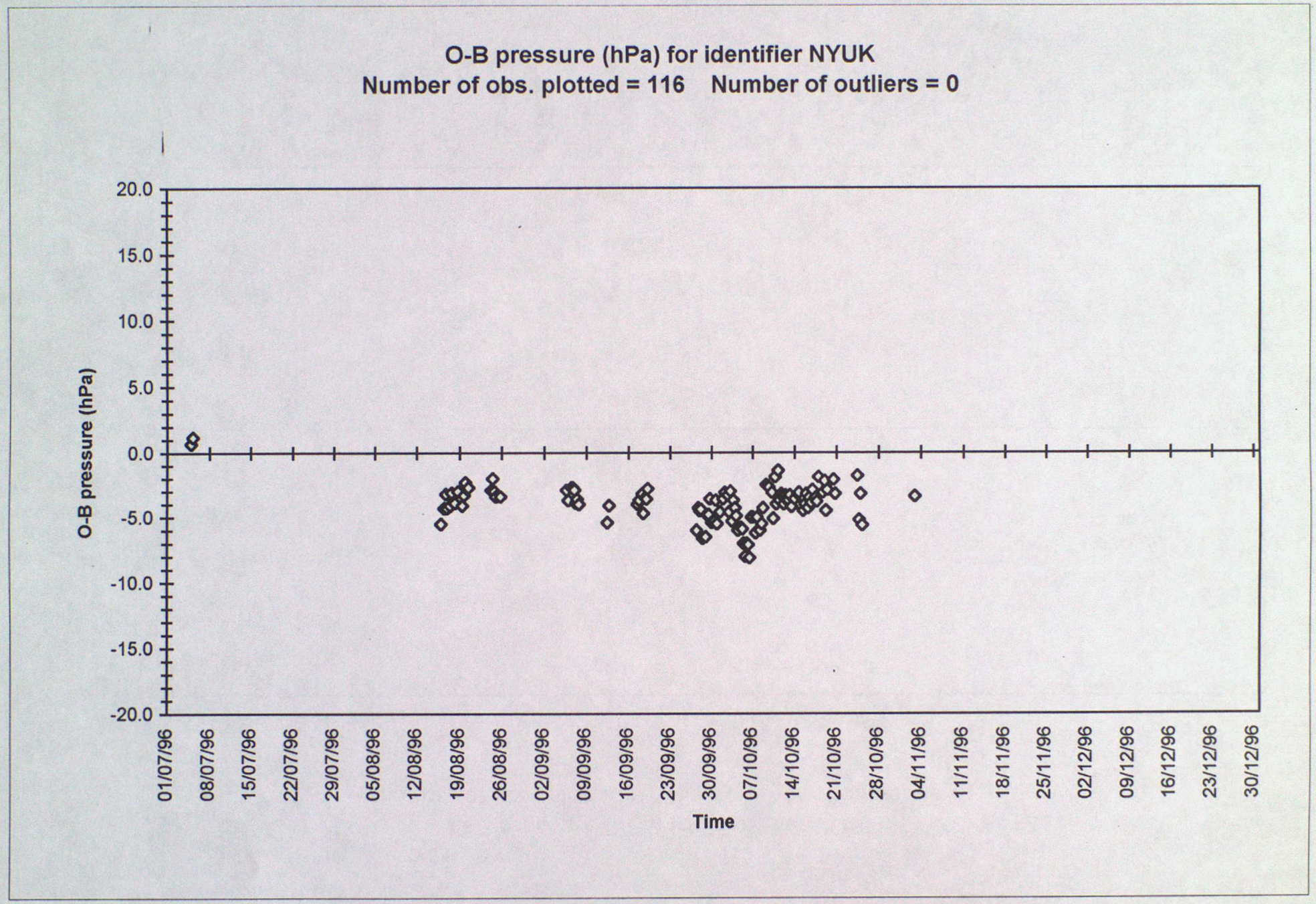

O-B pressure (hPa) for identifier LAWR2
Number of obs. plotted = 143 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

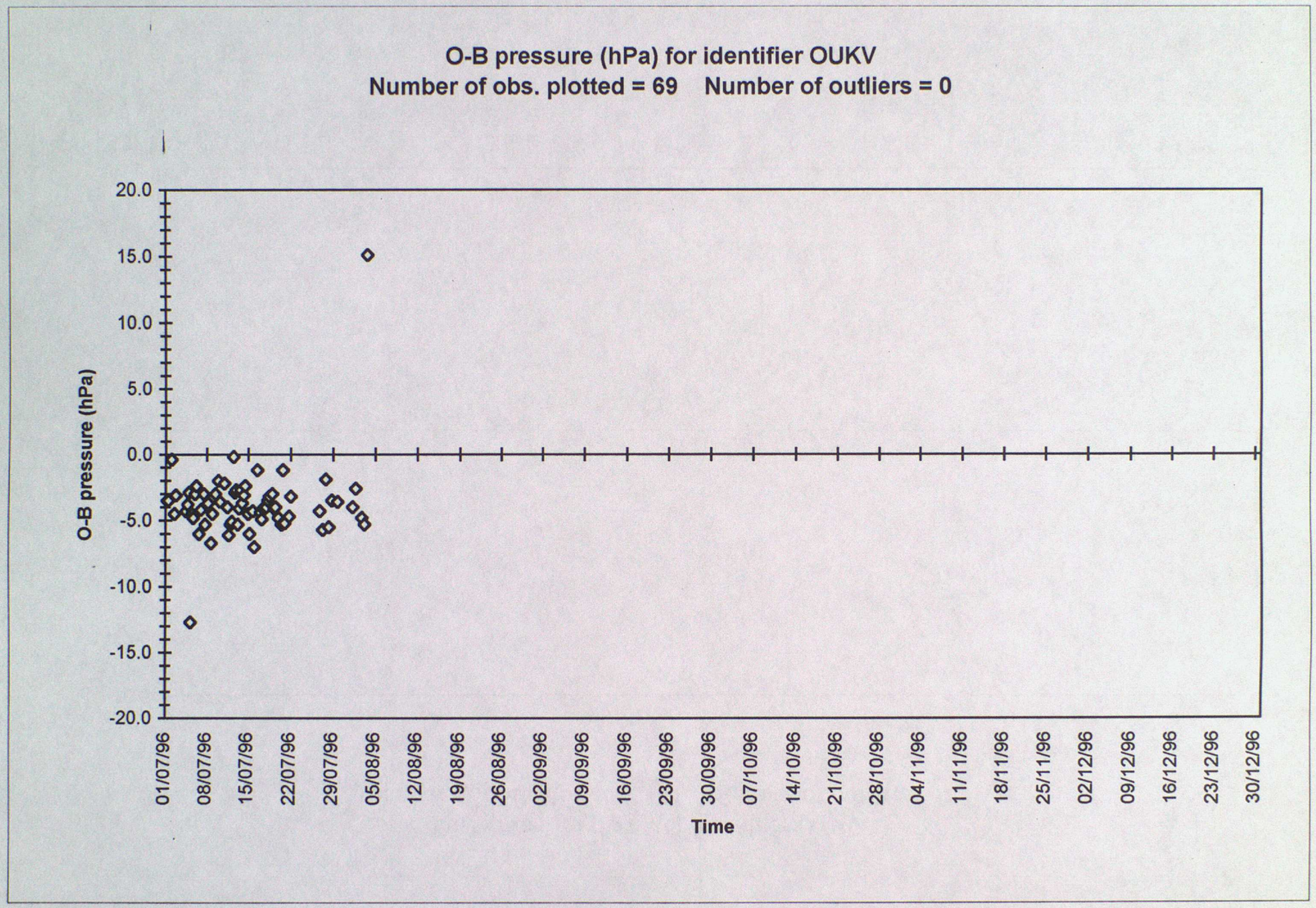

O-B pressure (hPa) for identifier LAXP4
Number of obs. plotted = 75 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

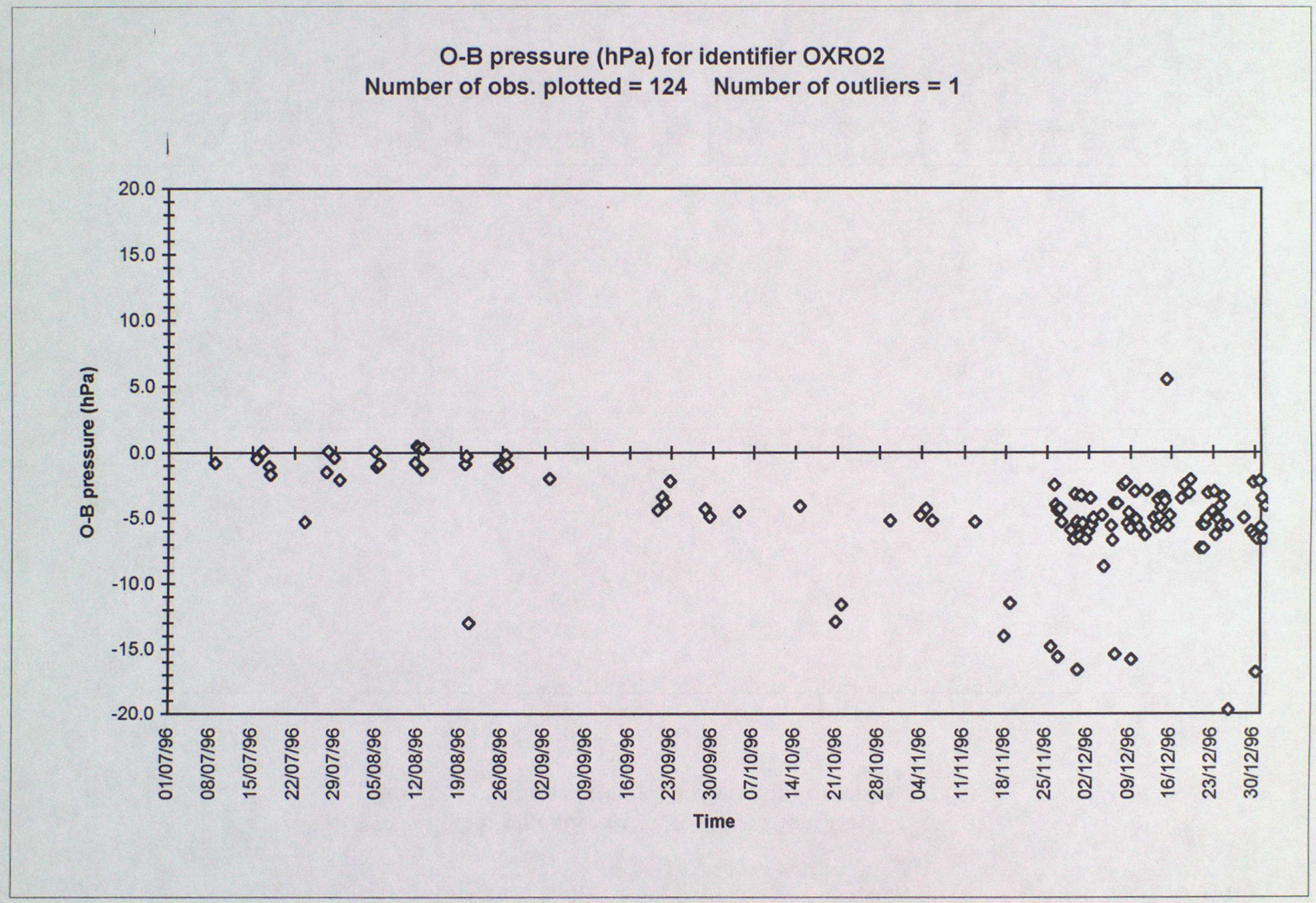

O-B pressure (hPa) for identifier LAXS2
Number of obs. plotted = 215 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

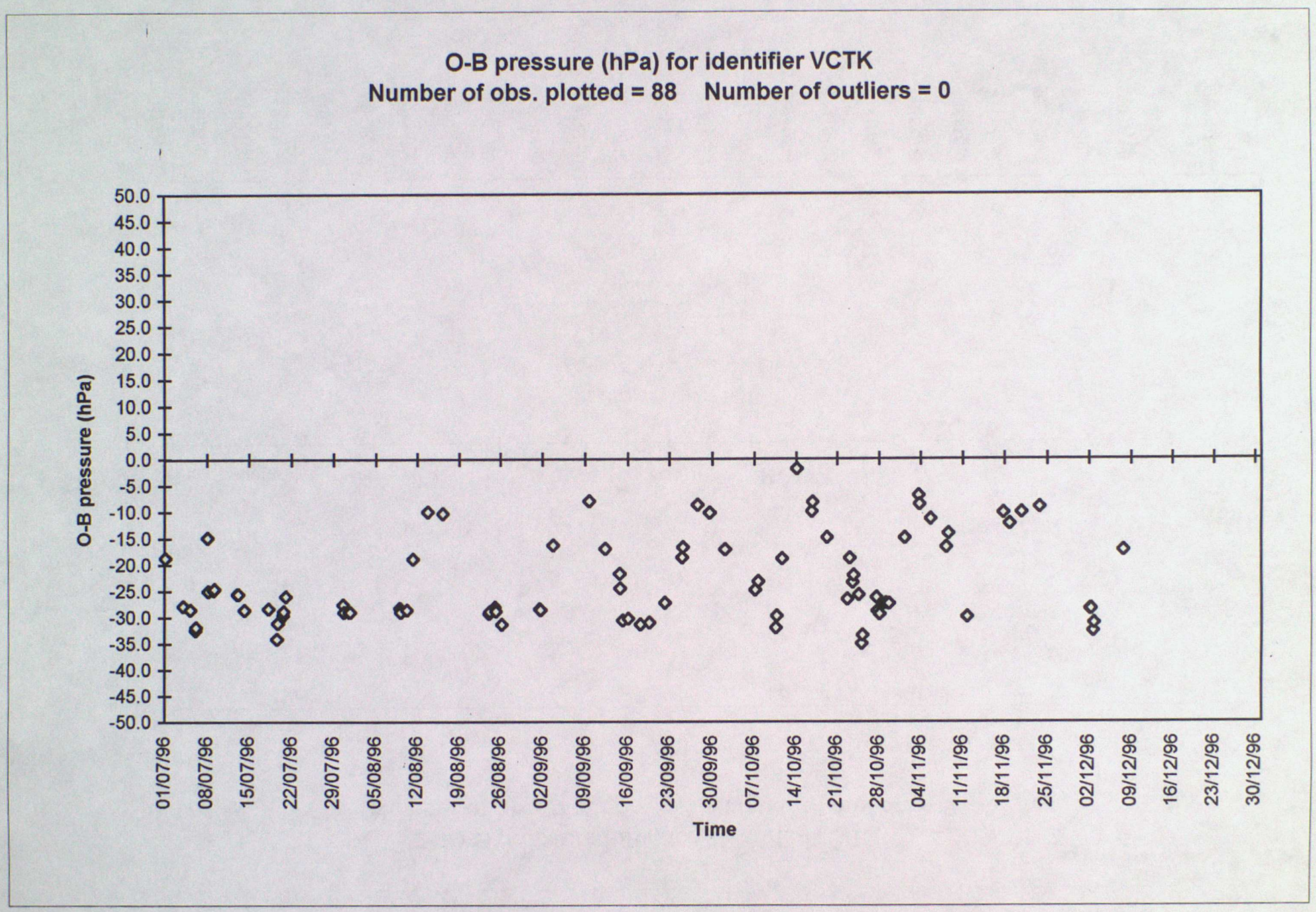

O-B pressure (hPa) for identifier MVNW9
Number of obs. plotted = 53 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

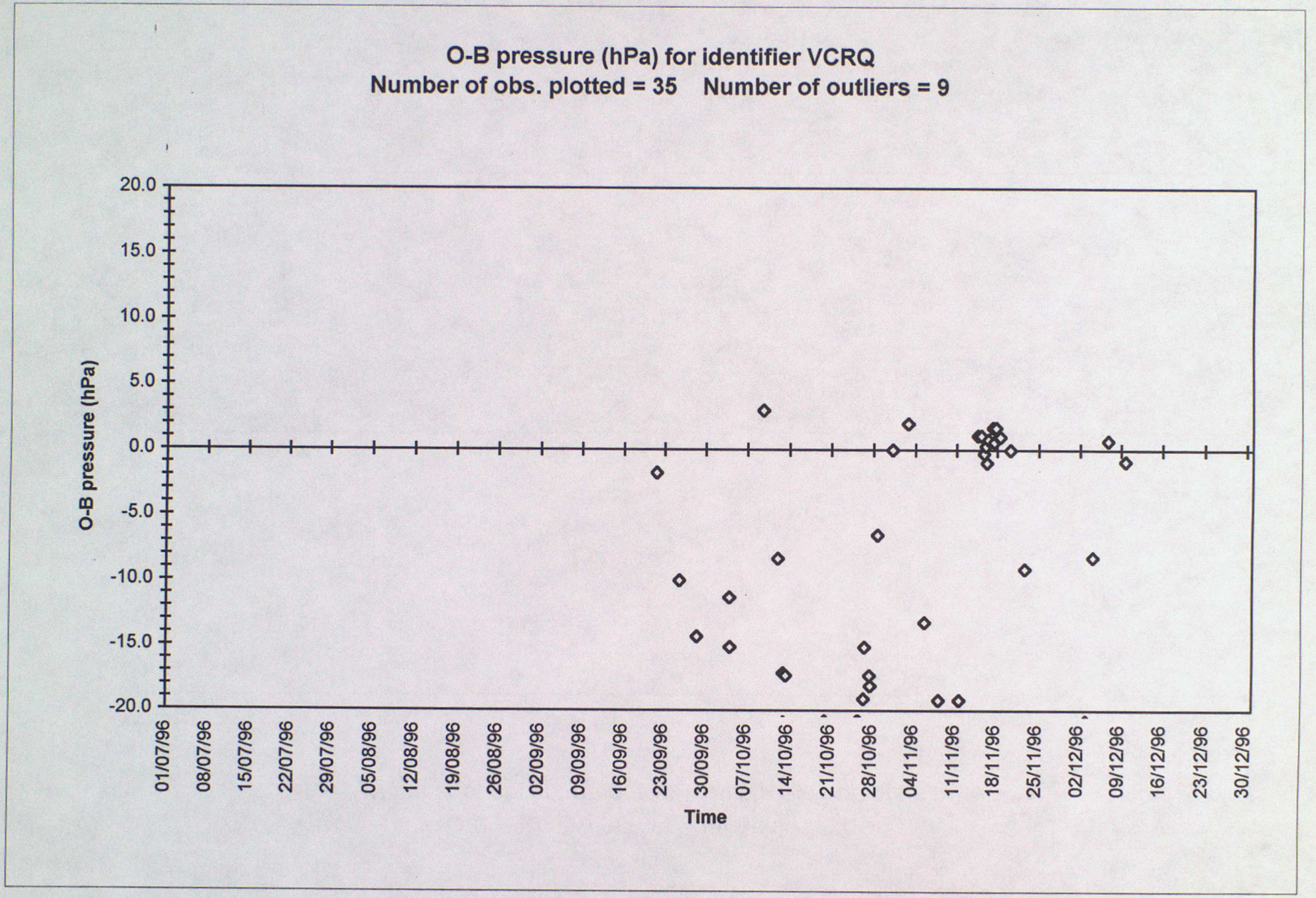

O-B pressure (hPa) for identifier NODO
Number of obs. plotted = 135 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

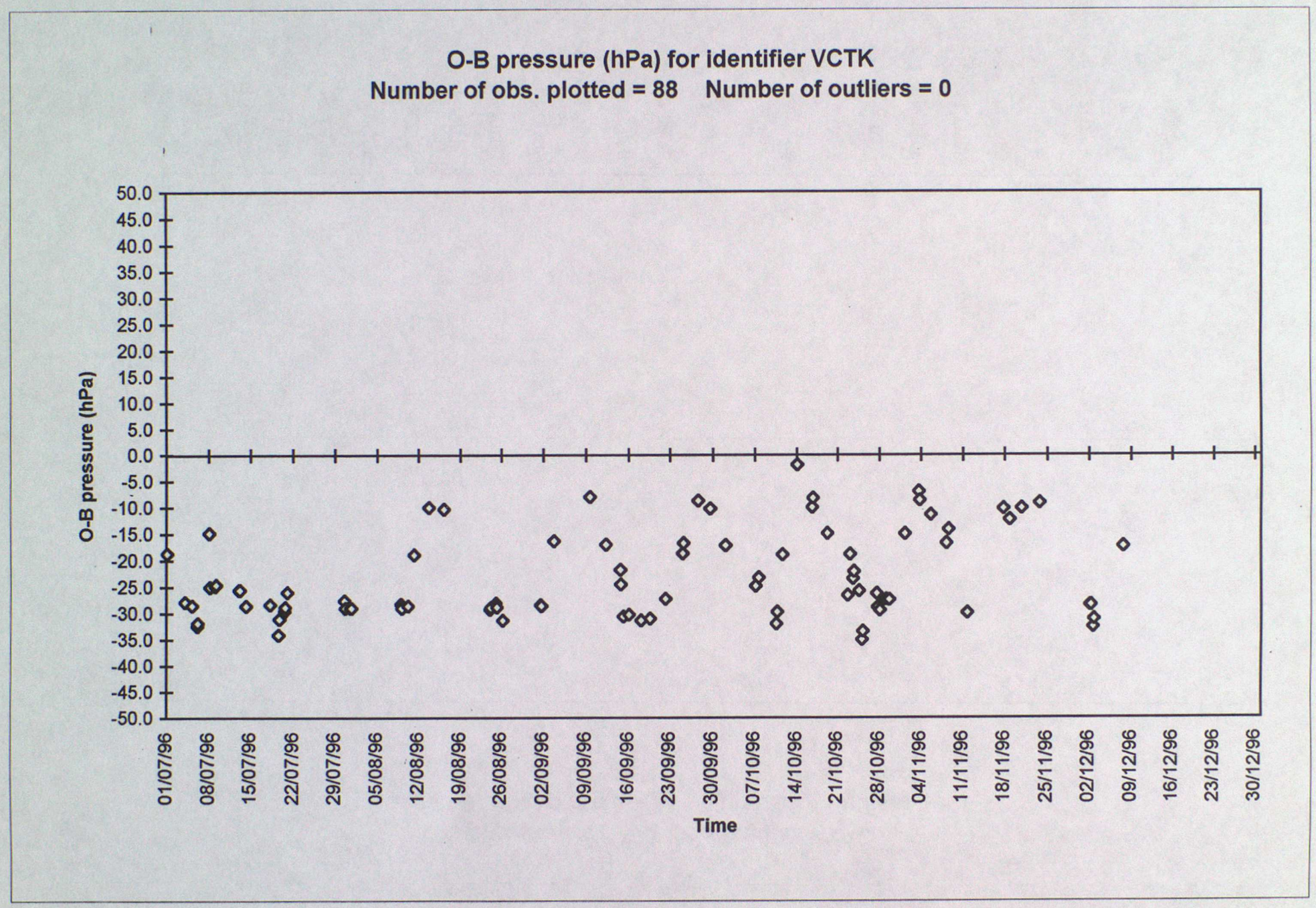

O-B pressure (hPa) for identifier NYUK
Number of obs. plotted = 116 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier OUKV
Number of obs. plotted = 69 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier OXRO2
Number of obs. plotted = 124 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VCTK
Number of obs. plotted = 88 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VCRQ
Number of obs. plotted = 35 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VCTK
Number of obs. plotted = 88 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VCRQ
Number of obs. plotted = 35 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
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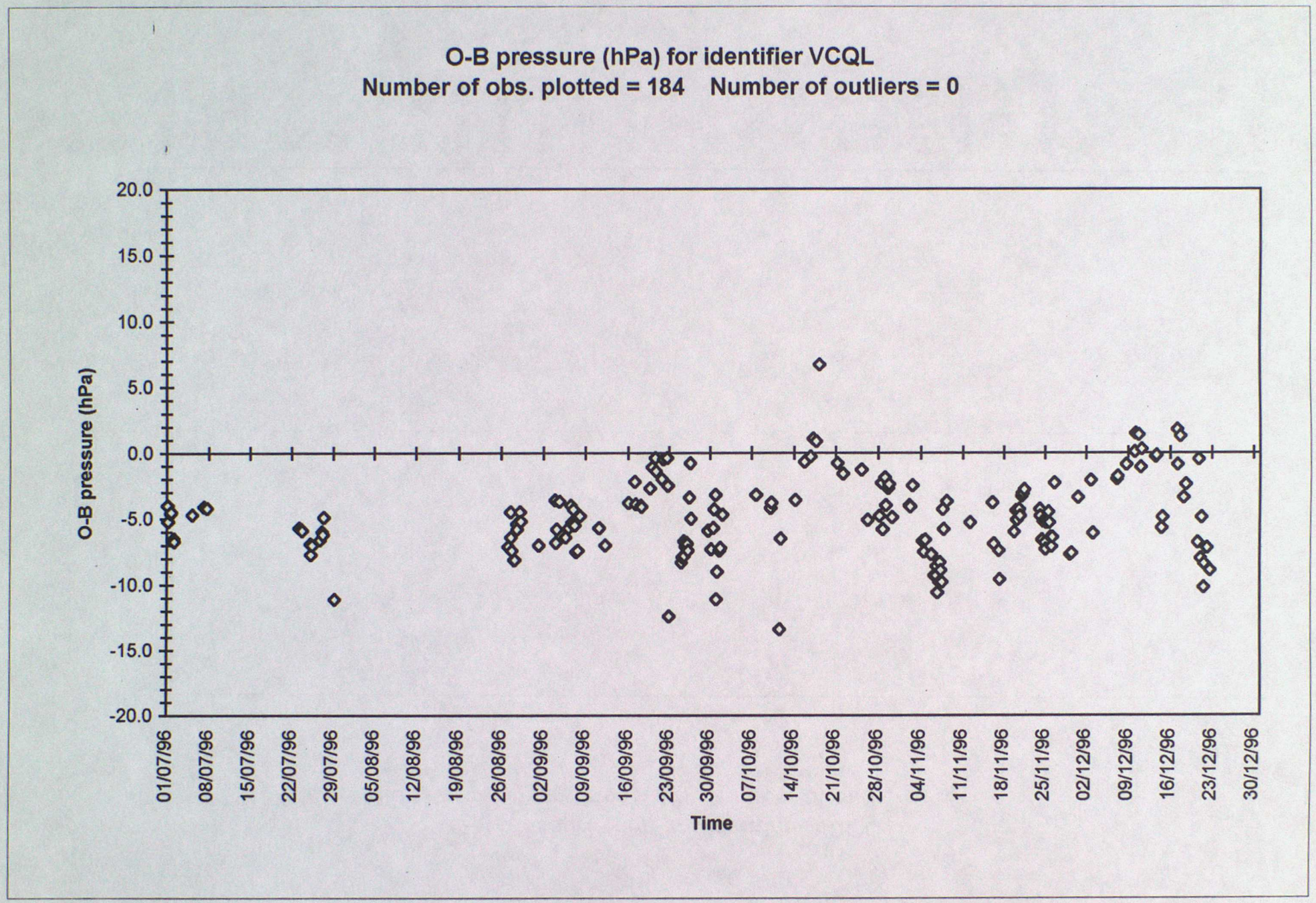
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier VCQL
Number of obs. plotted = 184 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VCQC
Number of obs. plotted = 42 Number of outliers = 5
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
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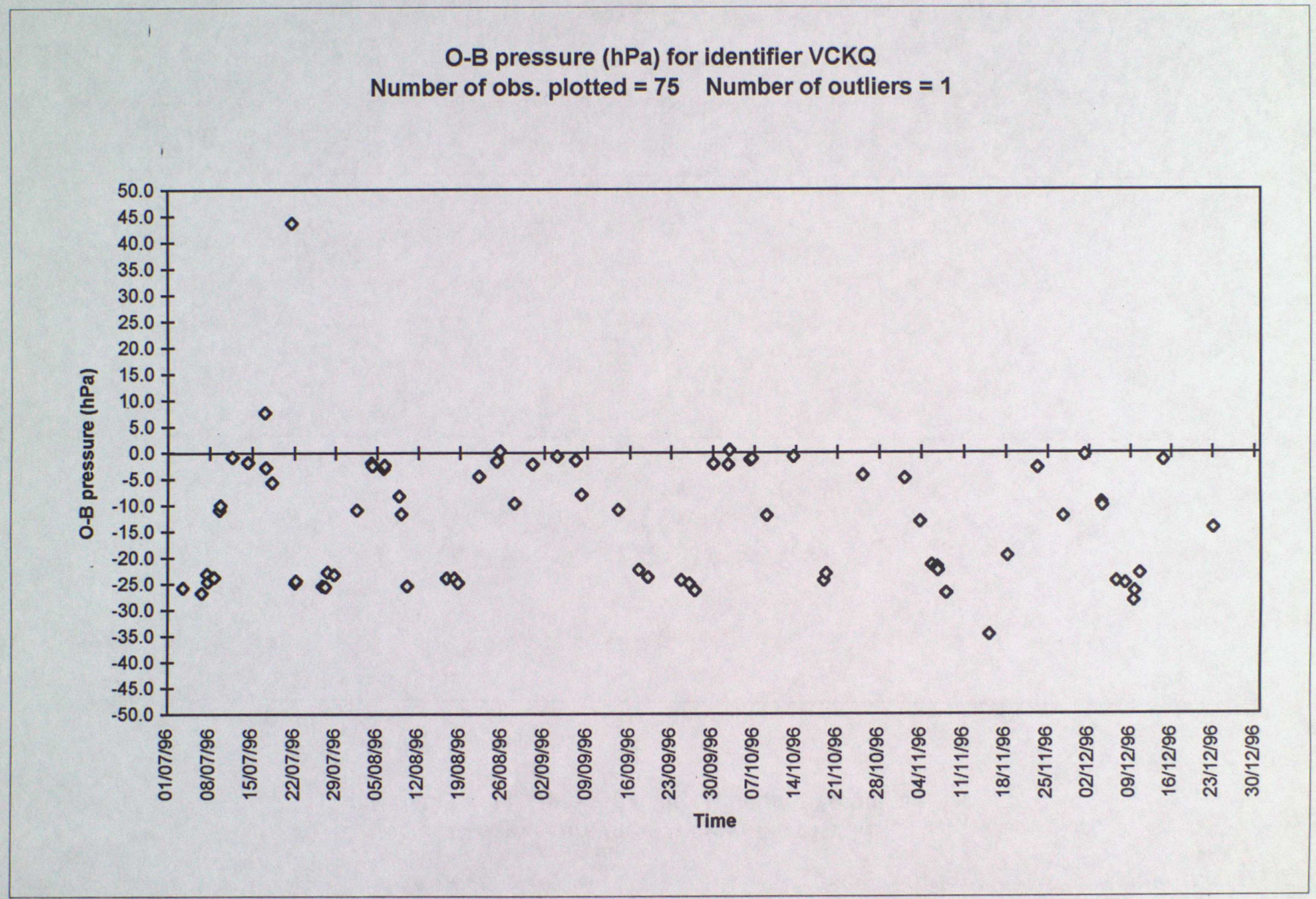
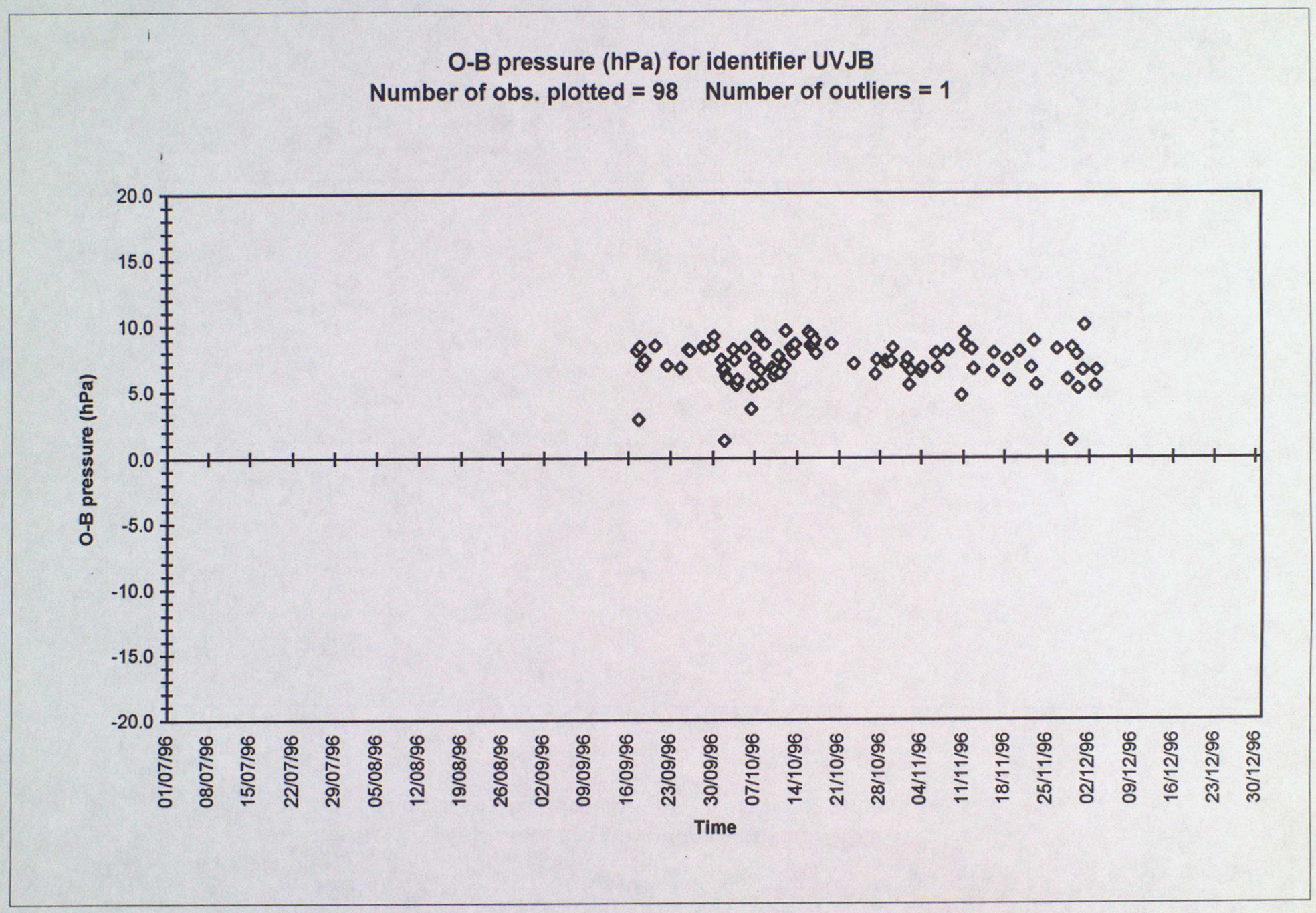
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier VCKQ
Number of obs. plotted = 75 Number of outliers = 1
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier UVJB
Number of obs. plotted = 98 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier UVJA
Number of obs. plotted = 119 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
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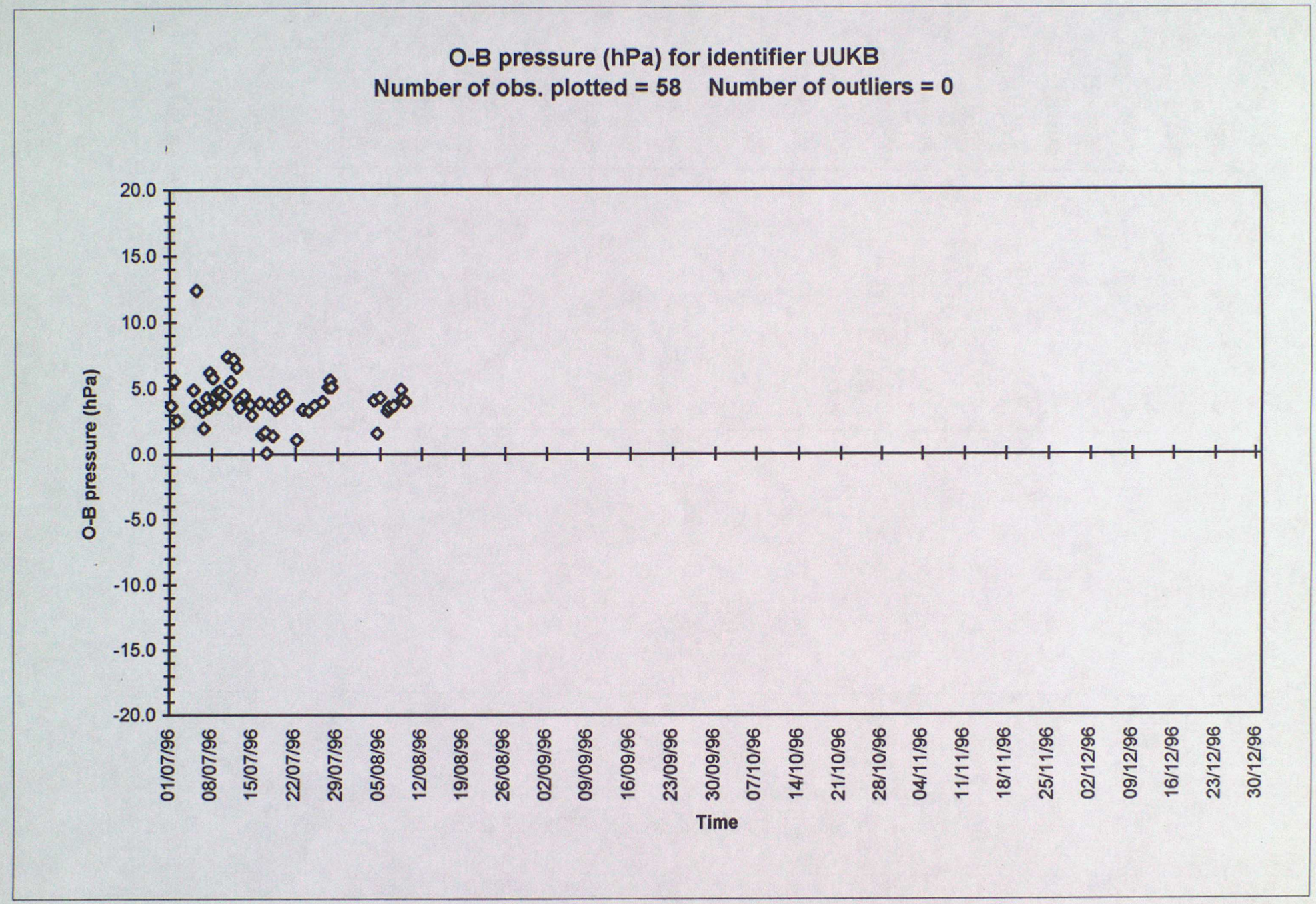
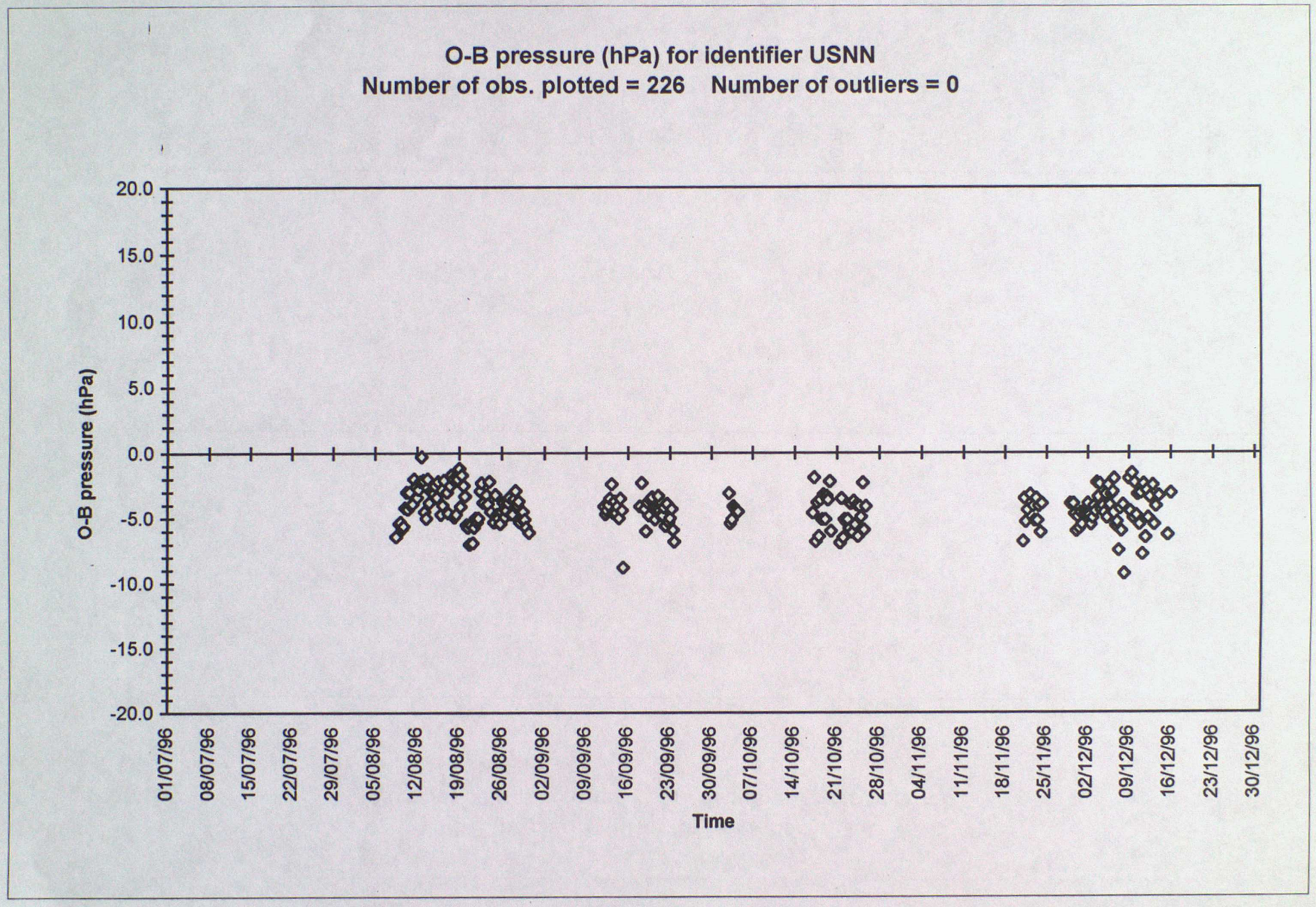
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier UUKB
Number of obs. plotted = 58 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier USNN
Number of obs. plotted = 226 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier UFAA
Number of obs. plotted = 44 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier UCJV
Number of obs. plotted = 104 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier UCJJ
Number of obs. plotted = 100 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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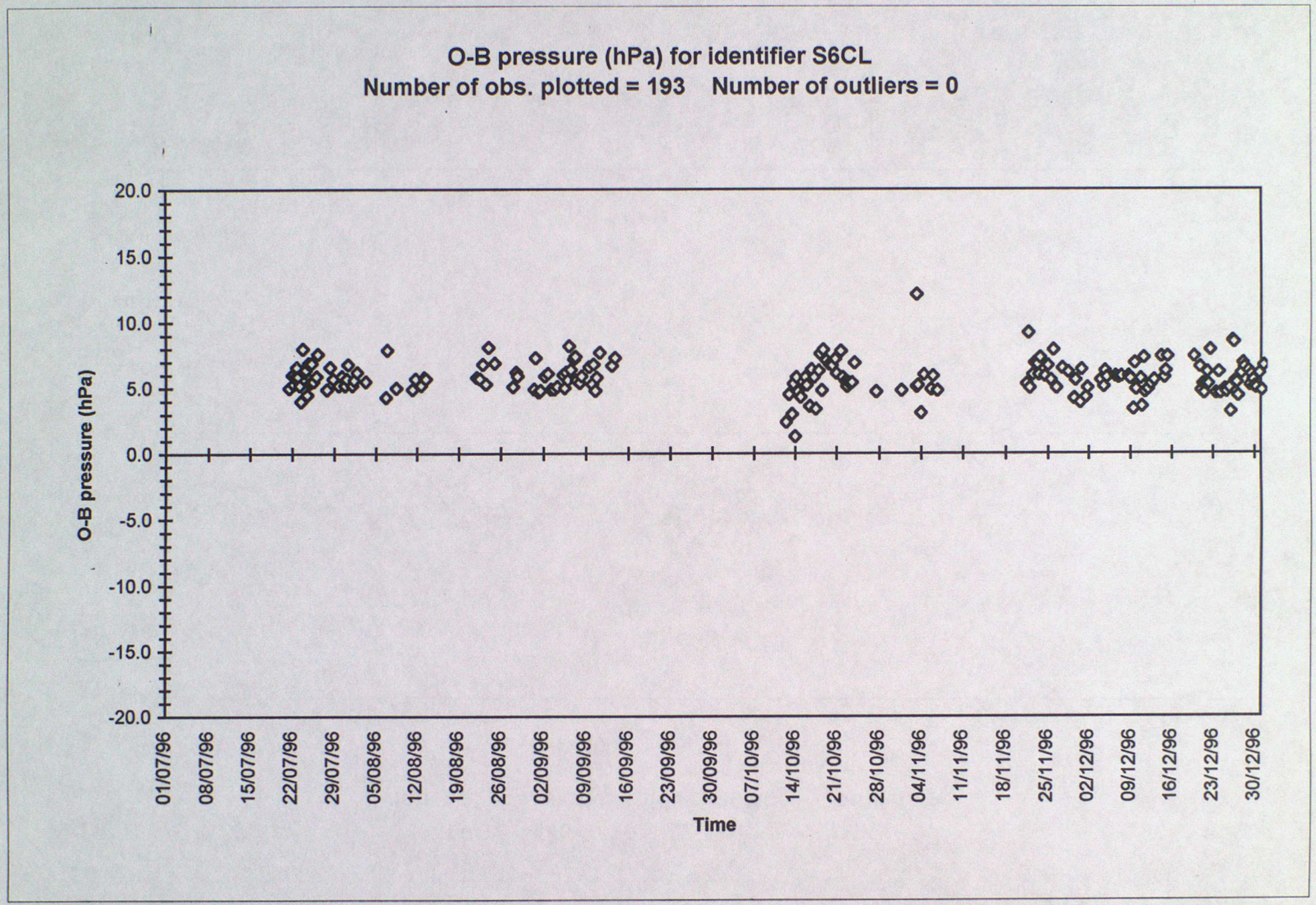
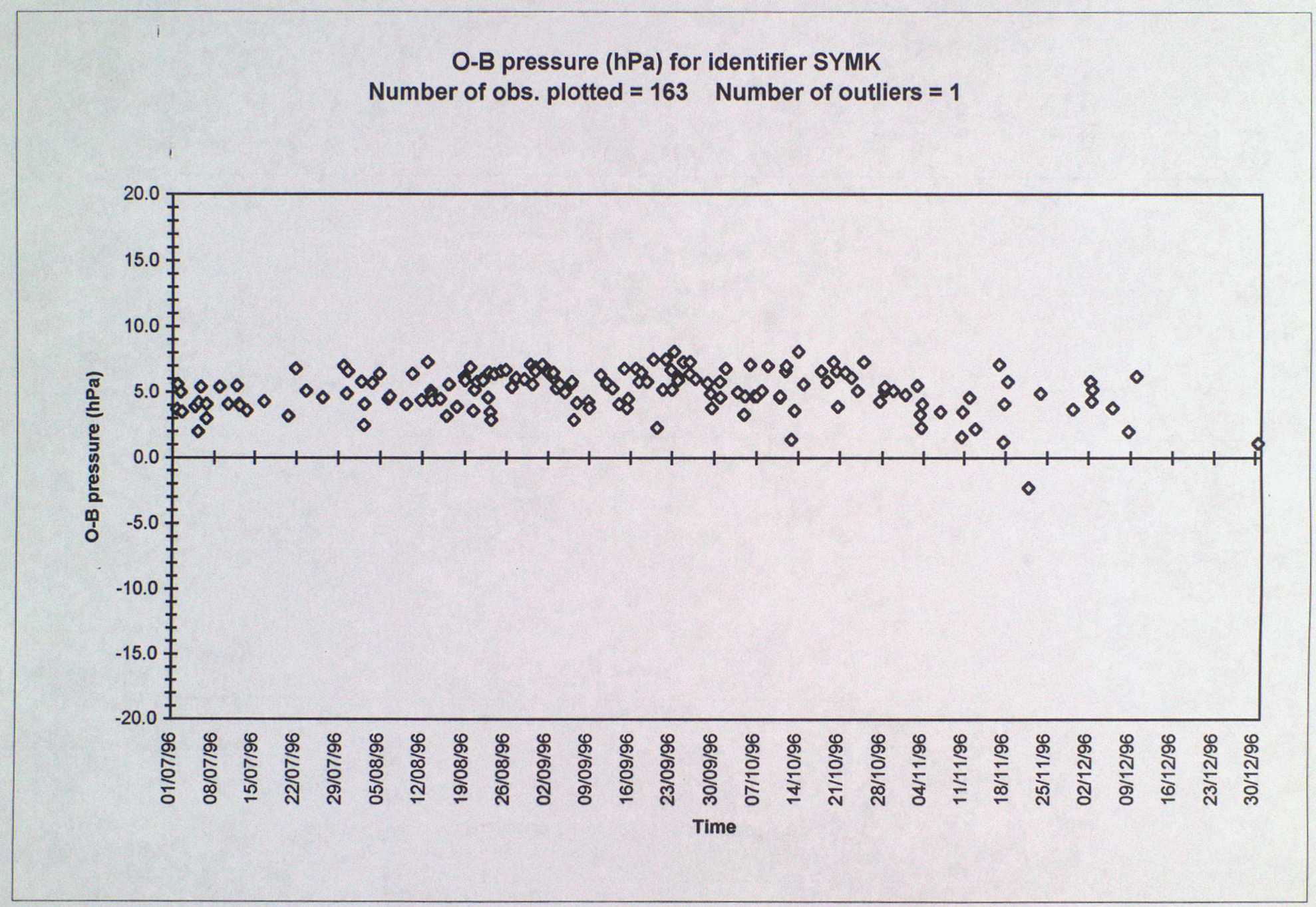
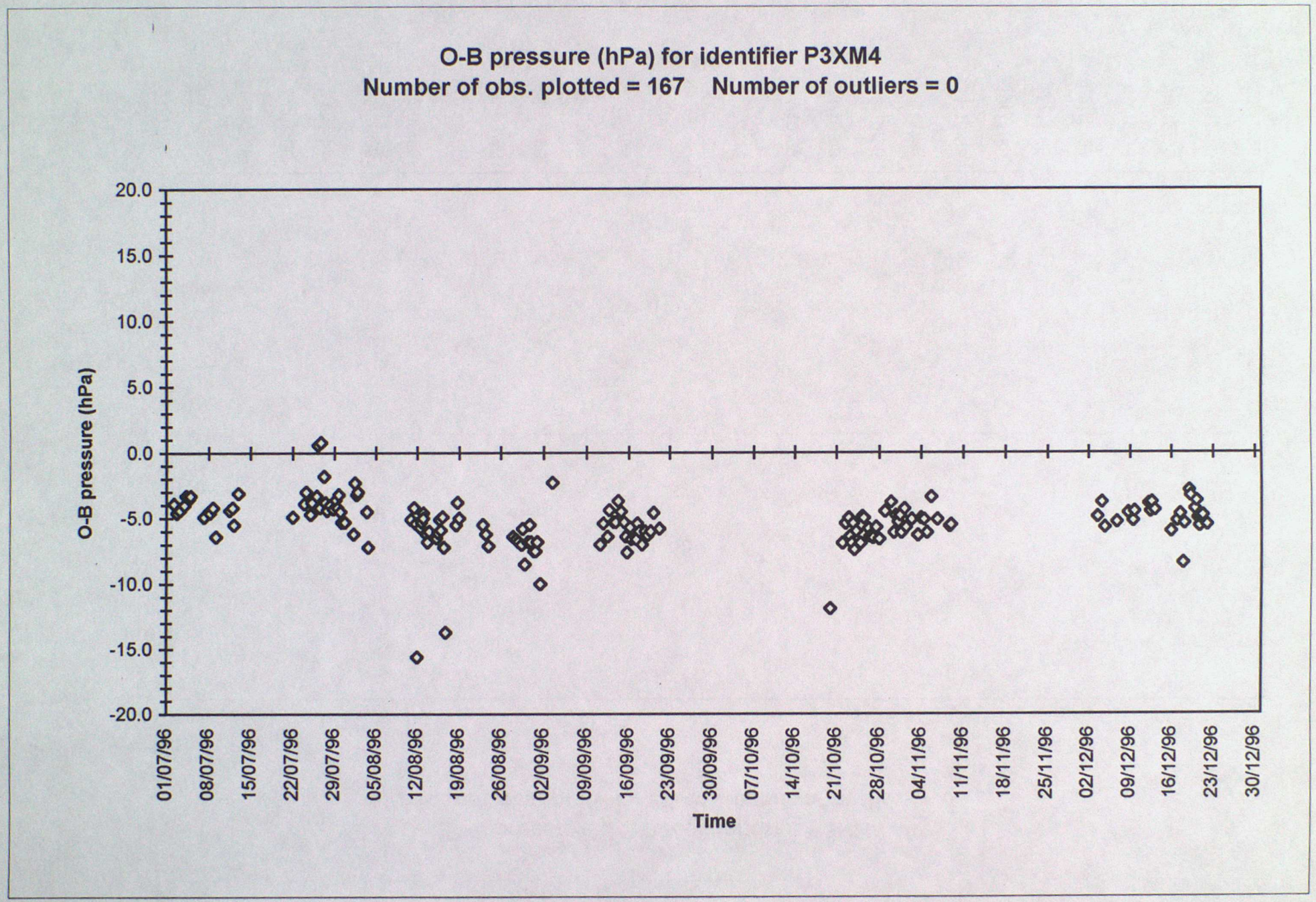
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier S6CL
Number of obs. plotted = 193 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier SYMK
Number of obs. plotted = 163 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier P3XM4
Number of obs. plotted = 167 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier P3HH4
Number of obs. plotted = 68 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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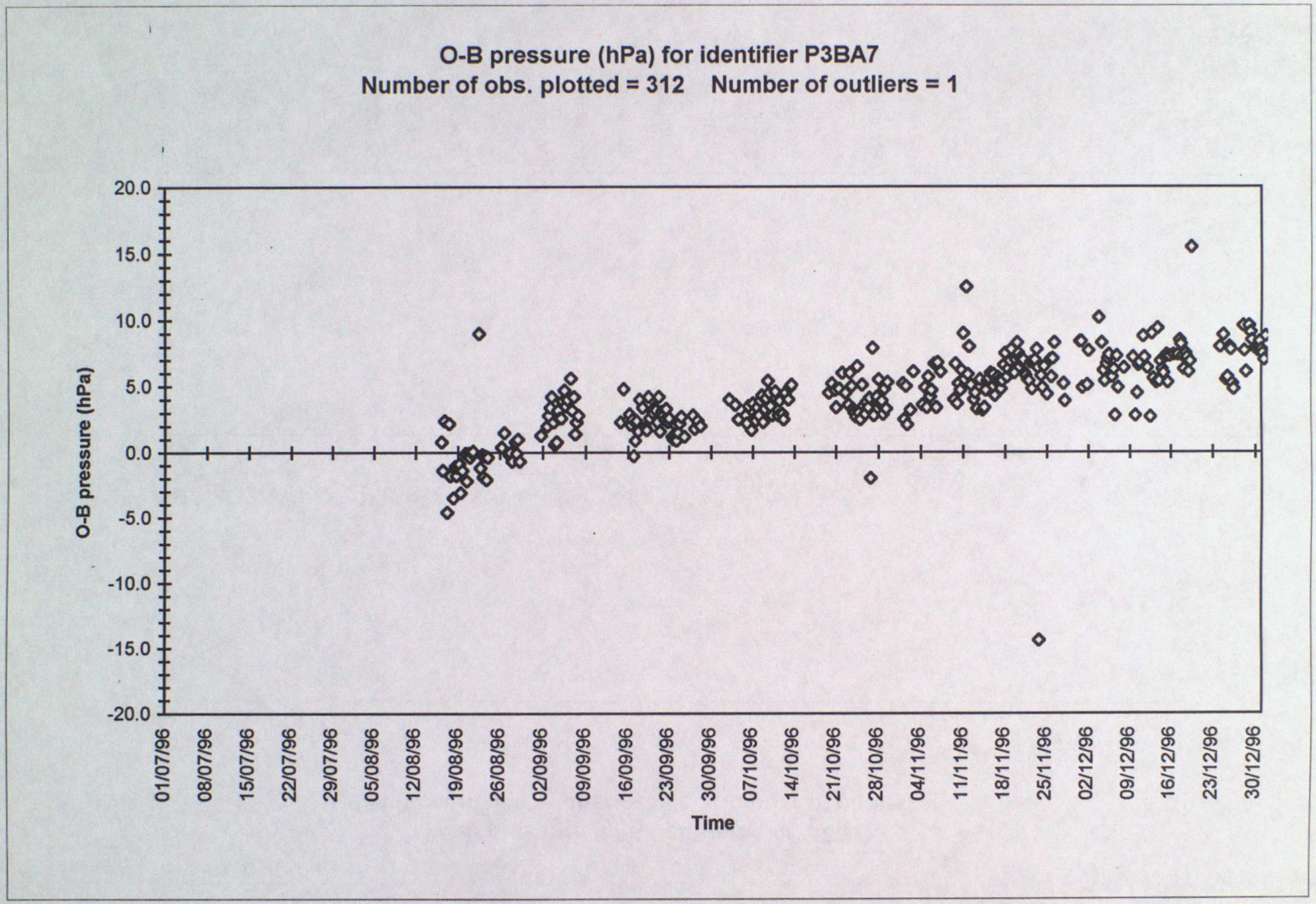
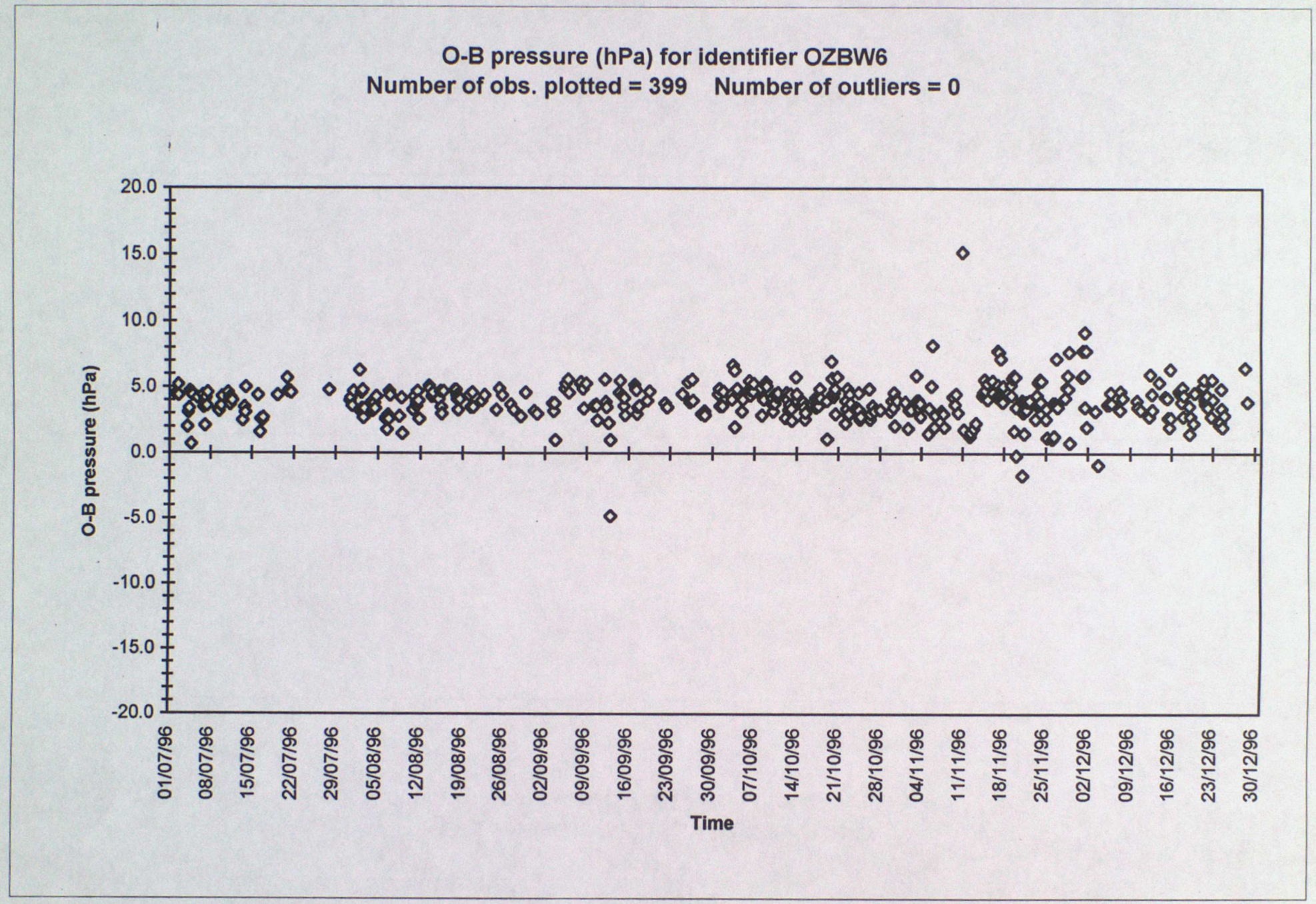
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier P3BA7
Number of obs. plotted = 312 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier OZBW6
Number of obs. plotted = 399 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VCRQ
Number of obs. plotted = 35 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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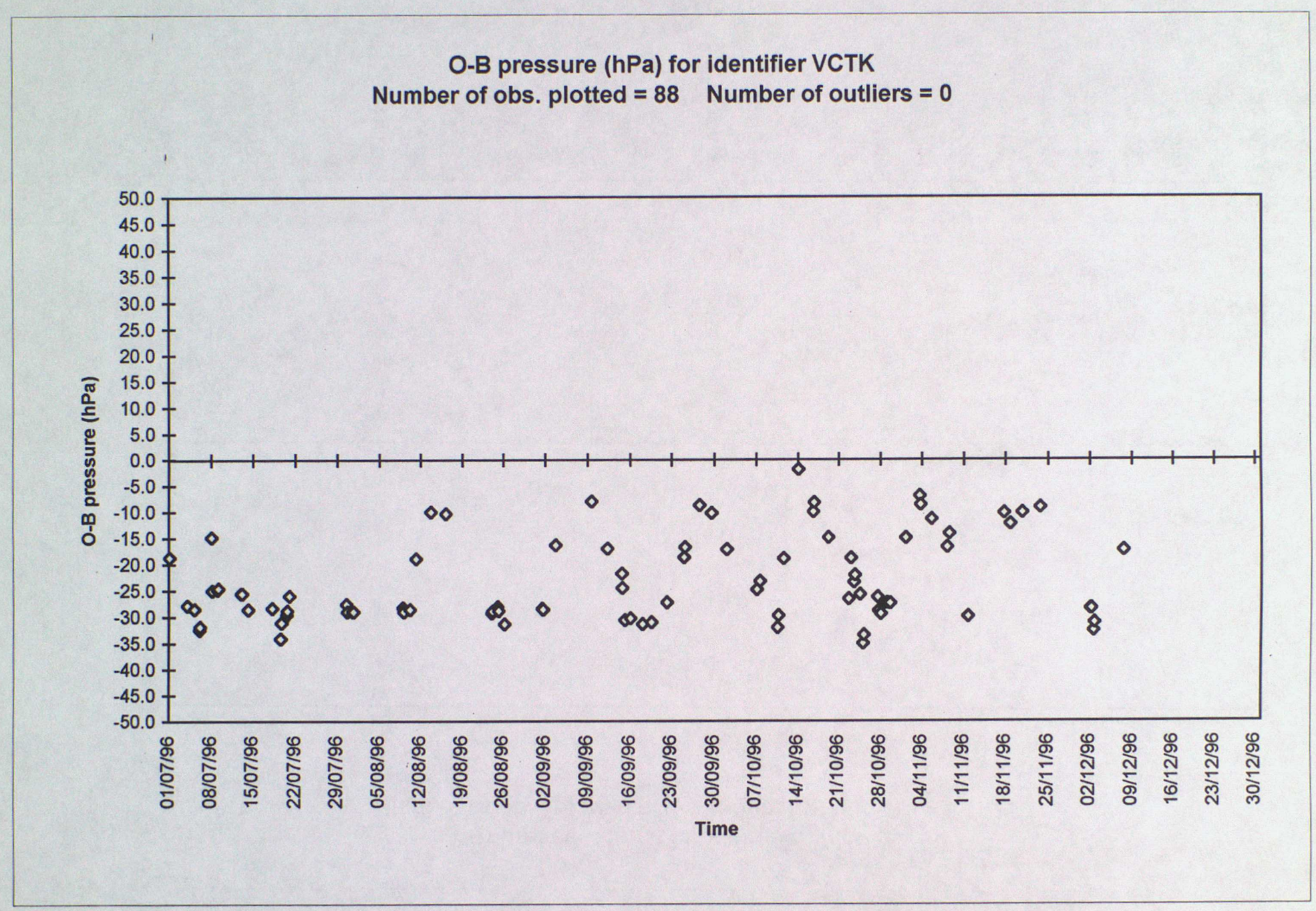
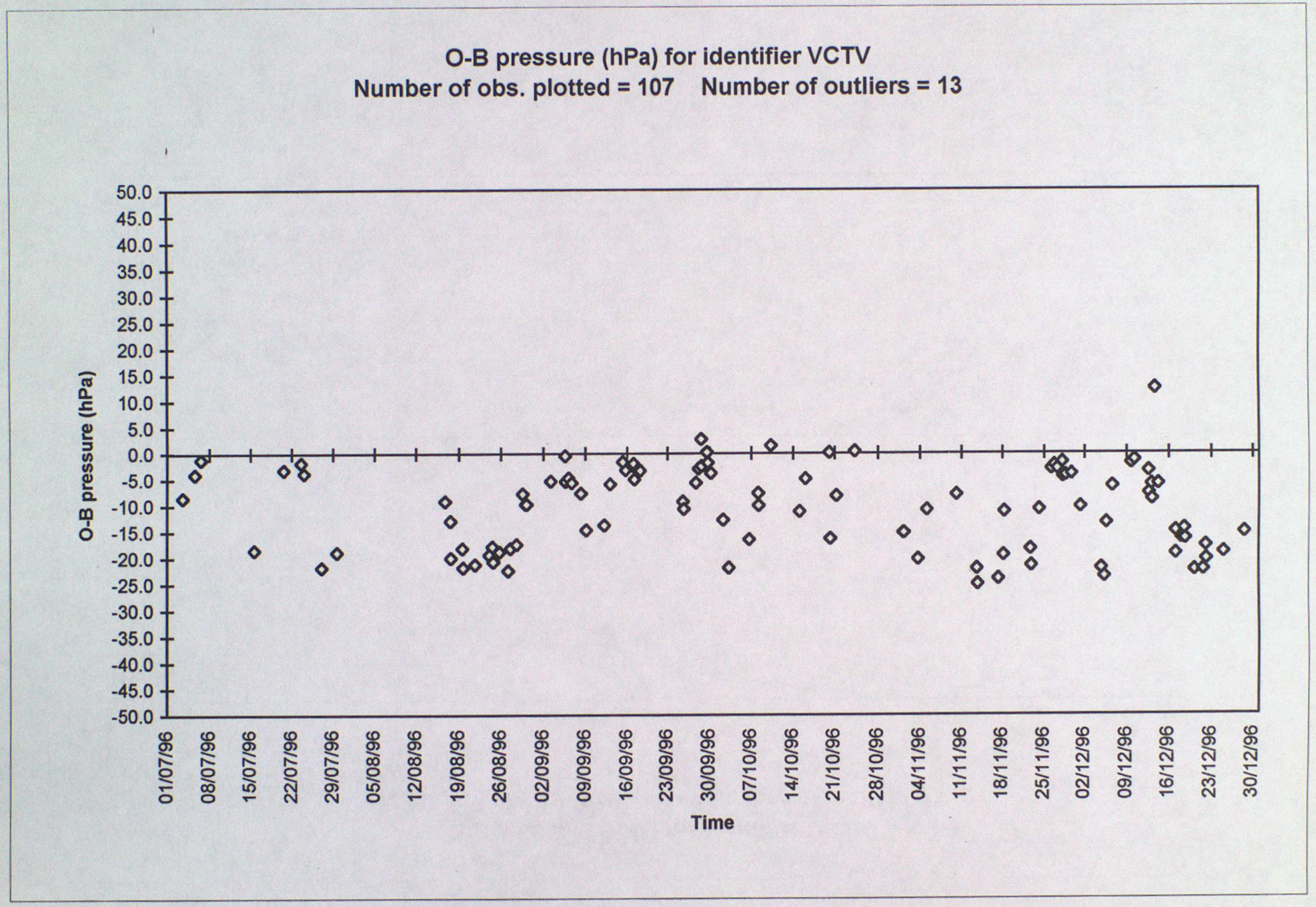
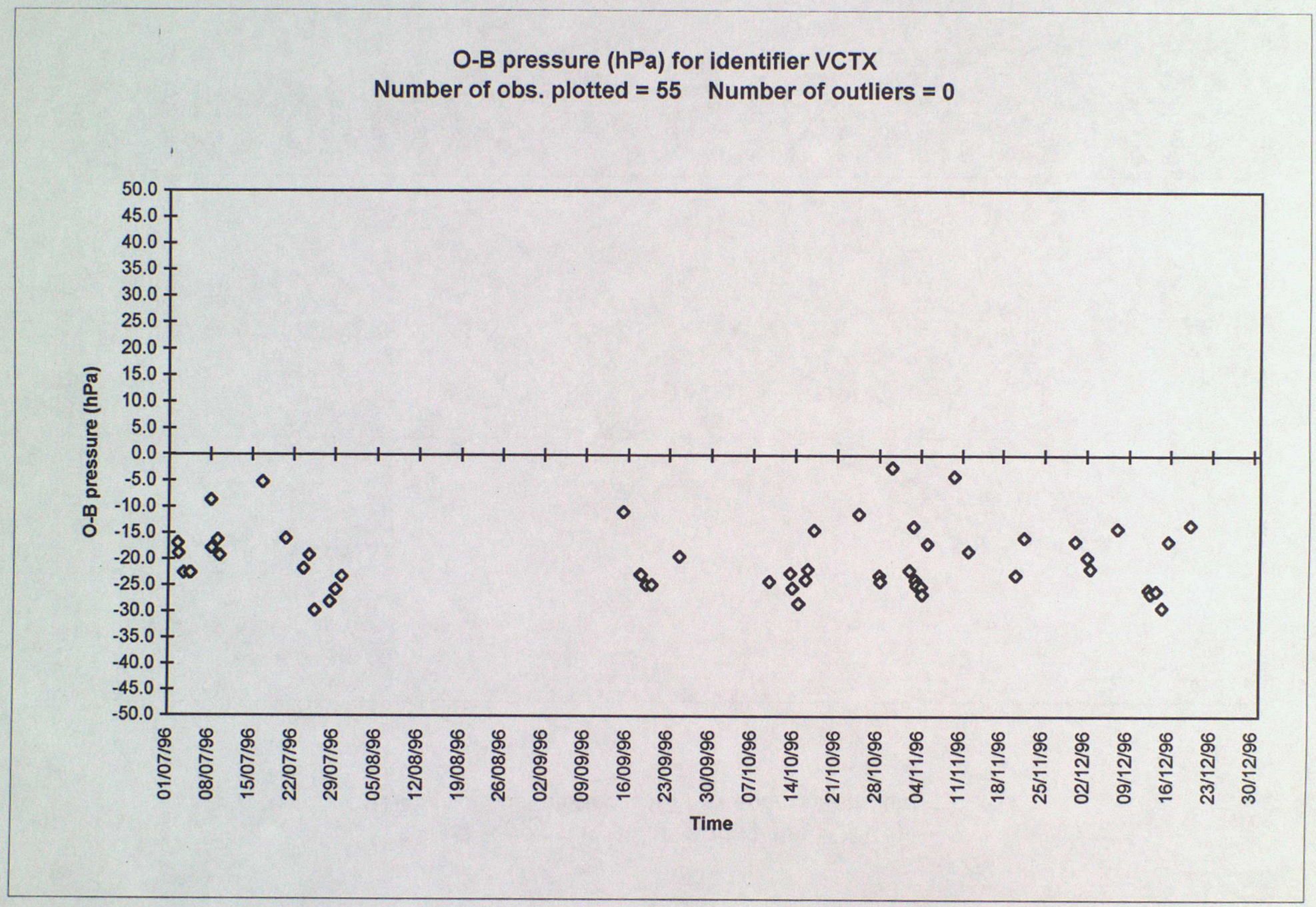
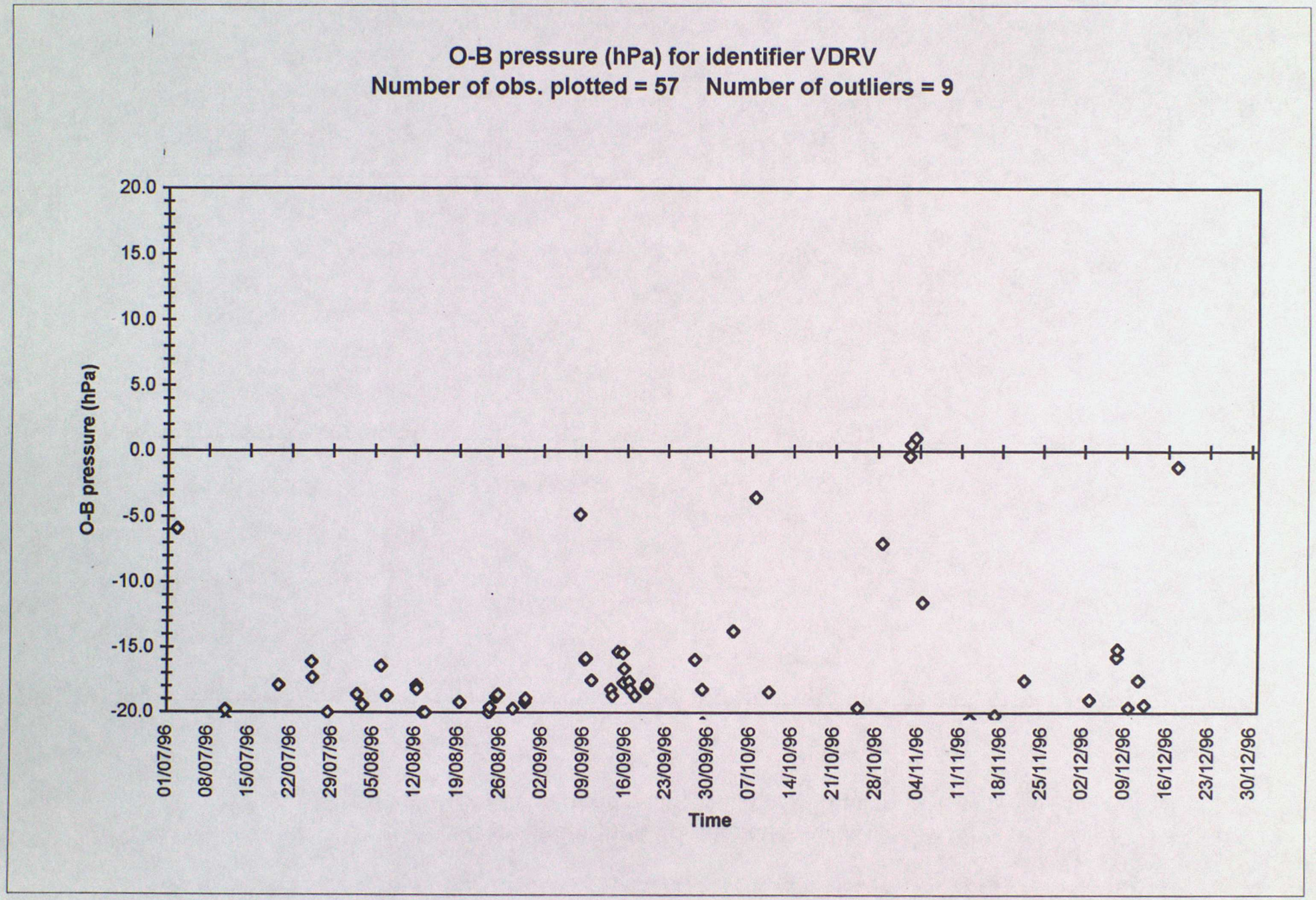
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier VCTK
Number of obs. plotted = 88 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VCTV
Number of obs. plotted = 107 Number of outliers = 13
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VCTX
Number of obs. plotted = 55 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VDRV
Number of obs. plotted = 57 Number of outliers = 9
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VGJC
Number of obs. plotted = 88 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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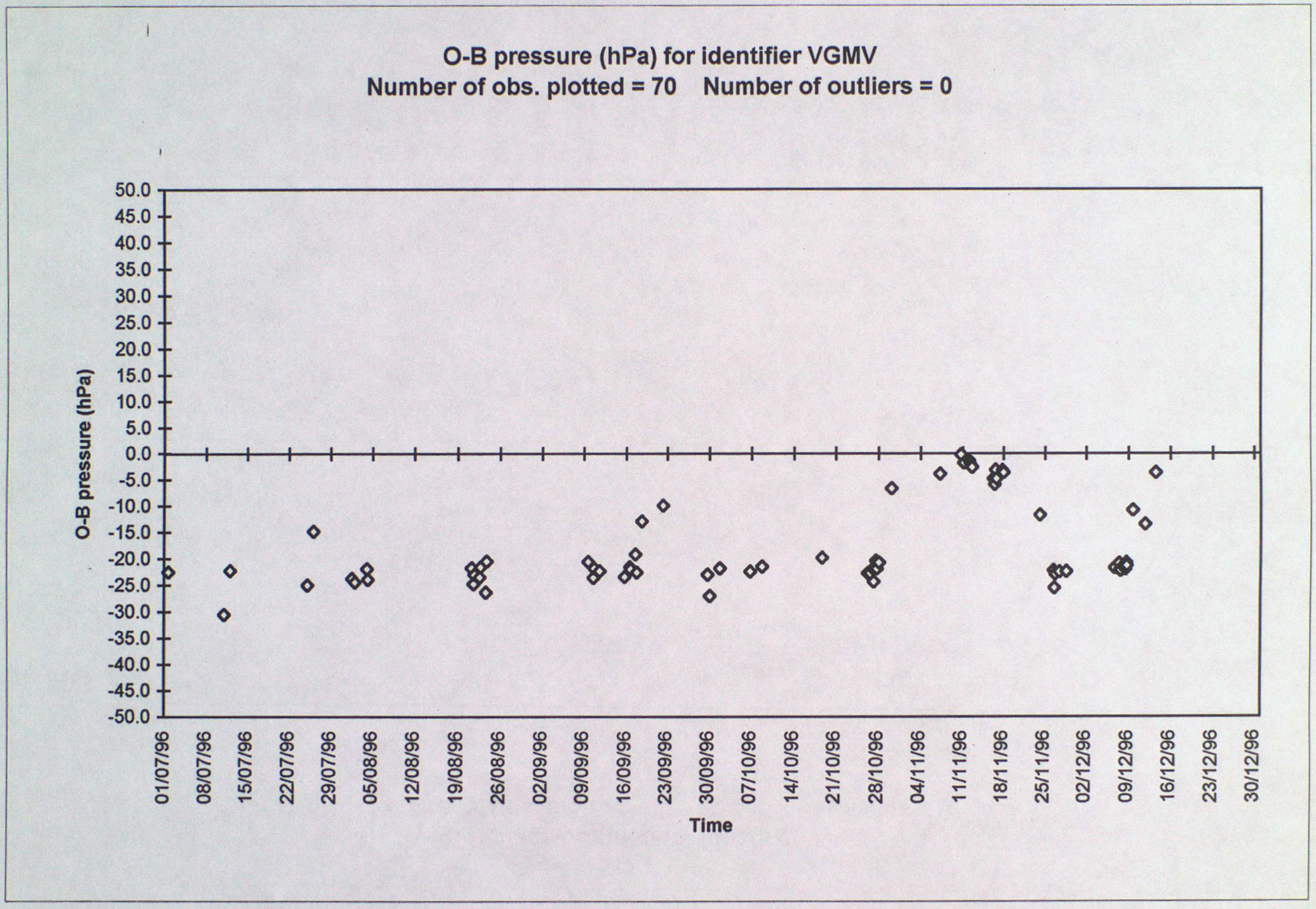
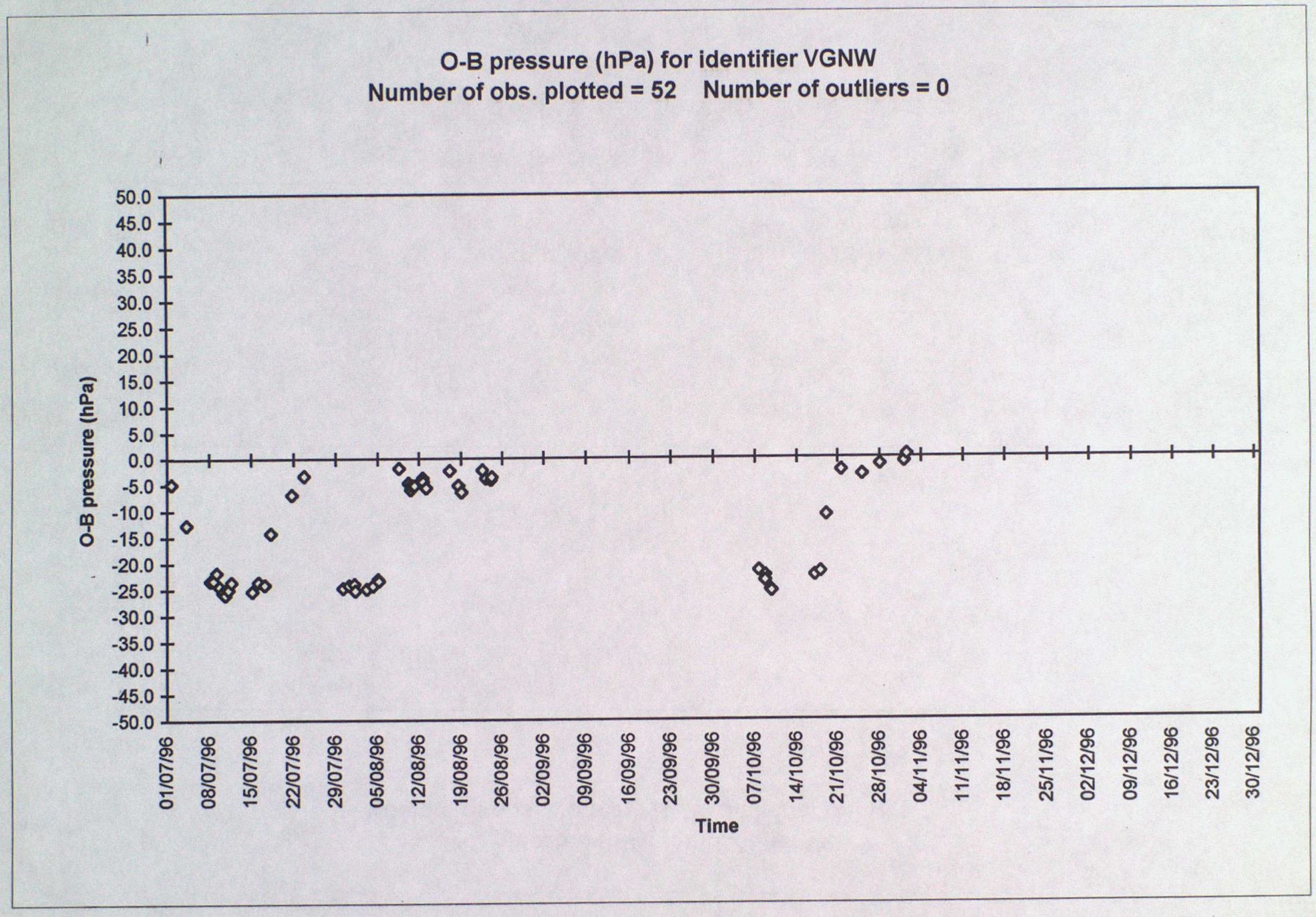
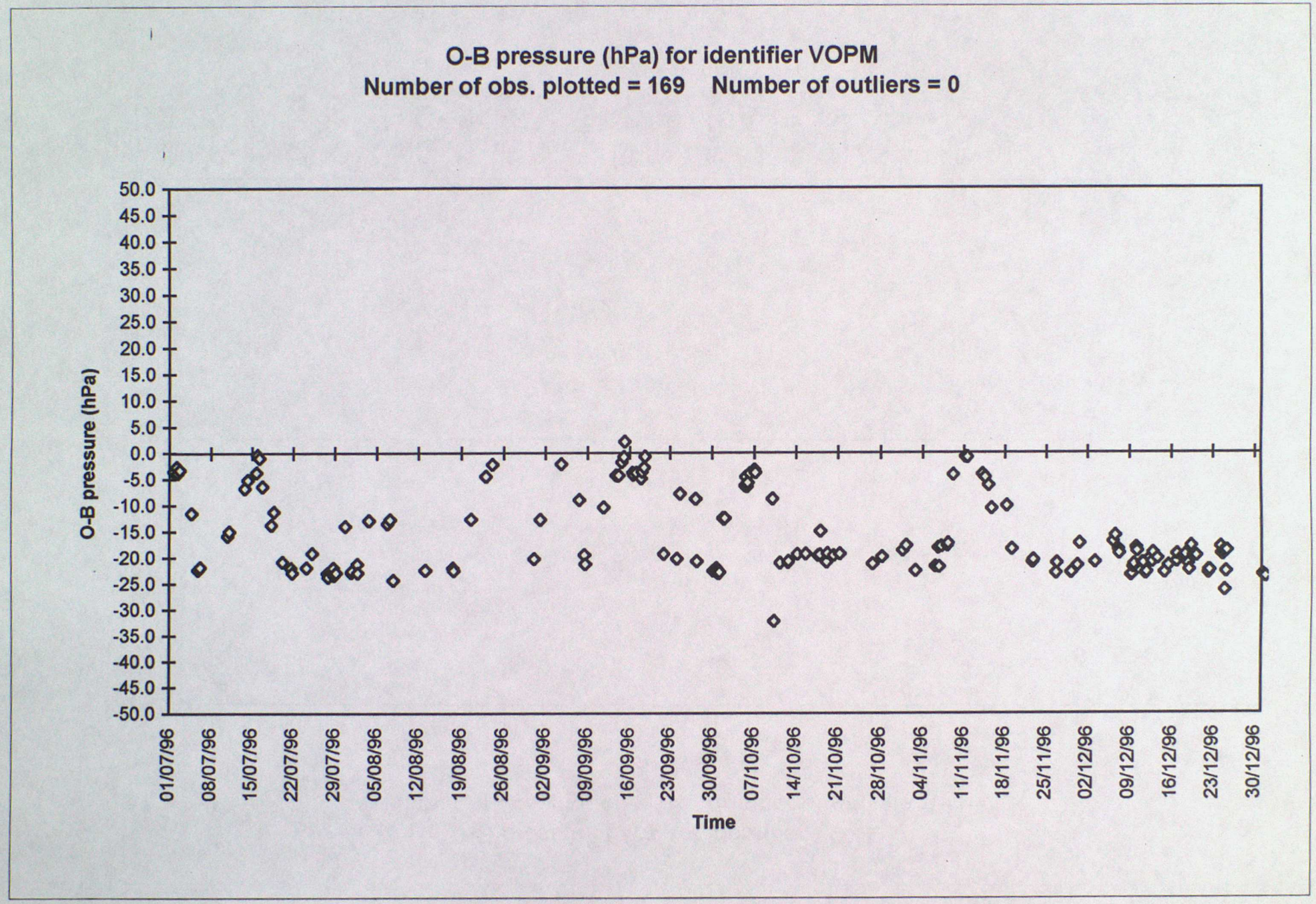
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier VGMV
Number of obs. plotted = 70 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VGNW
Number of obs. plotted = 52 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VOPM
Number of obs. plotted = 169 Number of outliers = 0
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VOXZ
Number of obs. plotted = 88 Number of outliers = 0
O-B pressure (hPa)
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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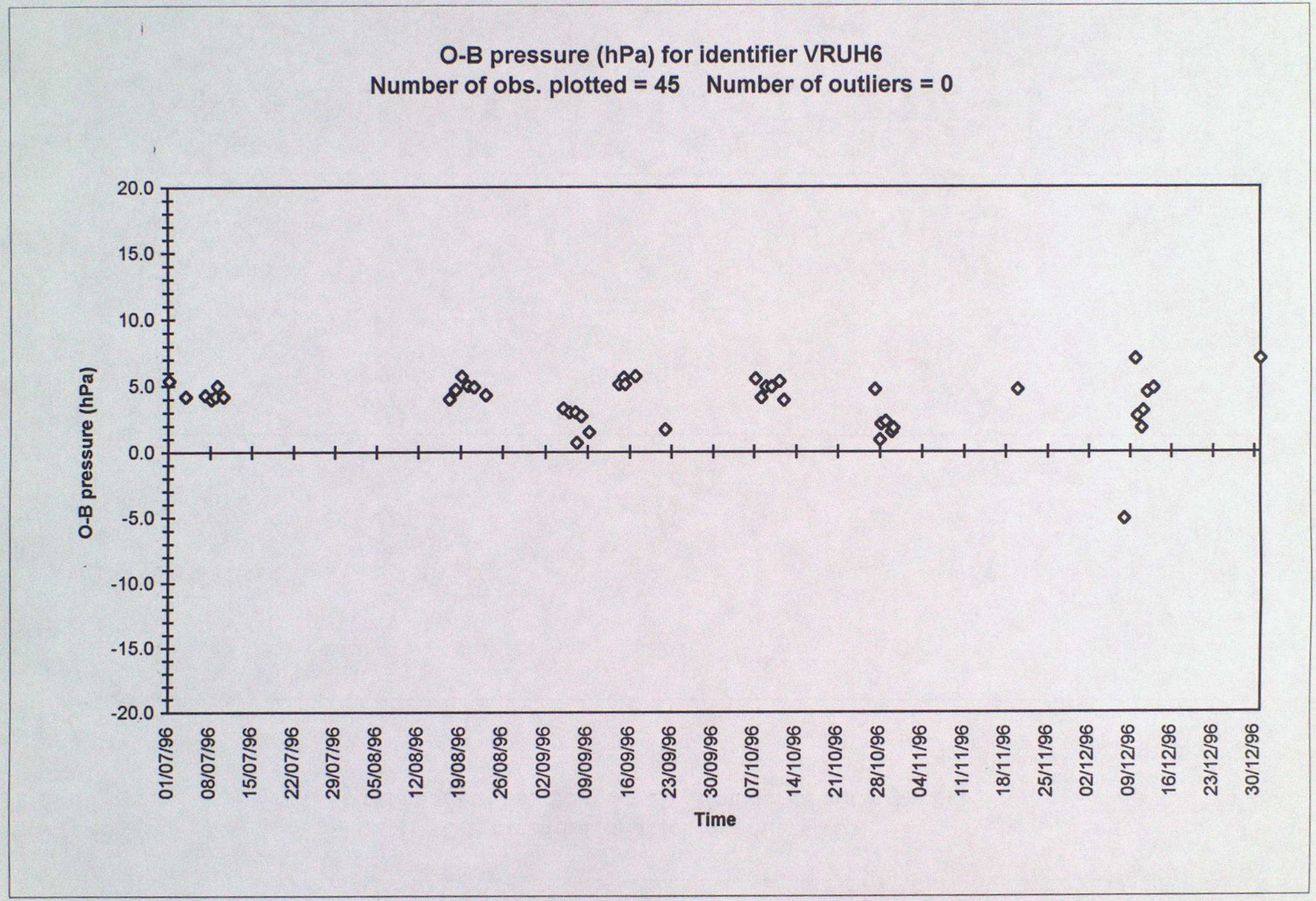
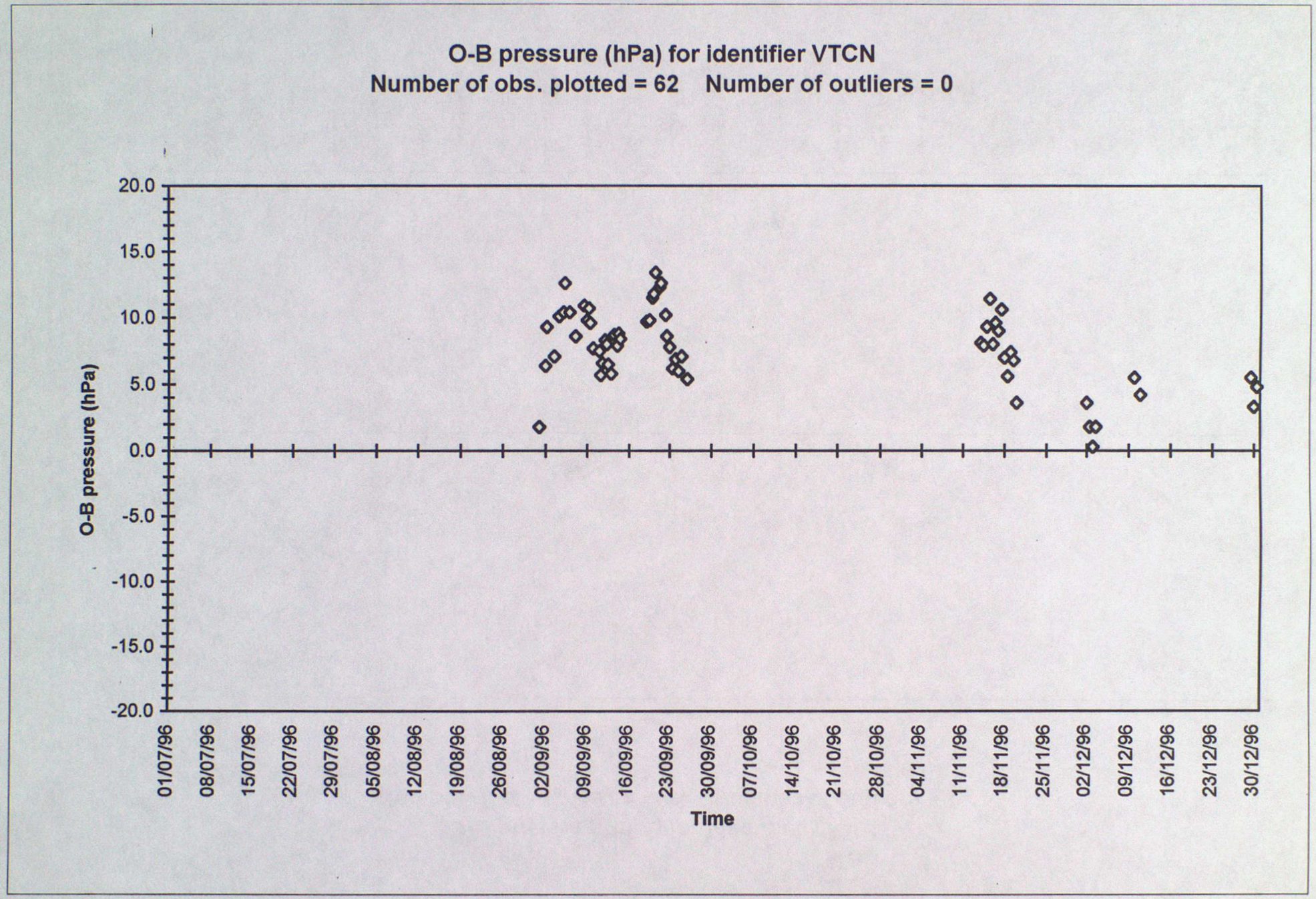
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier VRUH6
Number of obs. plotted = 45 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier VTCN
Number of obs. plotted = 62 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier VVKJ
Number of obs. plotted = 44 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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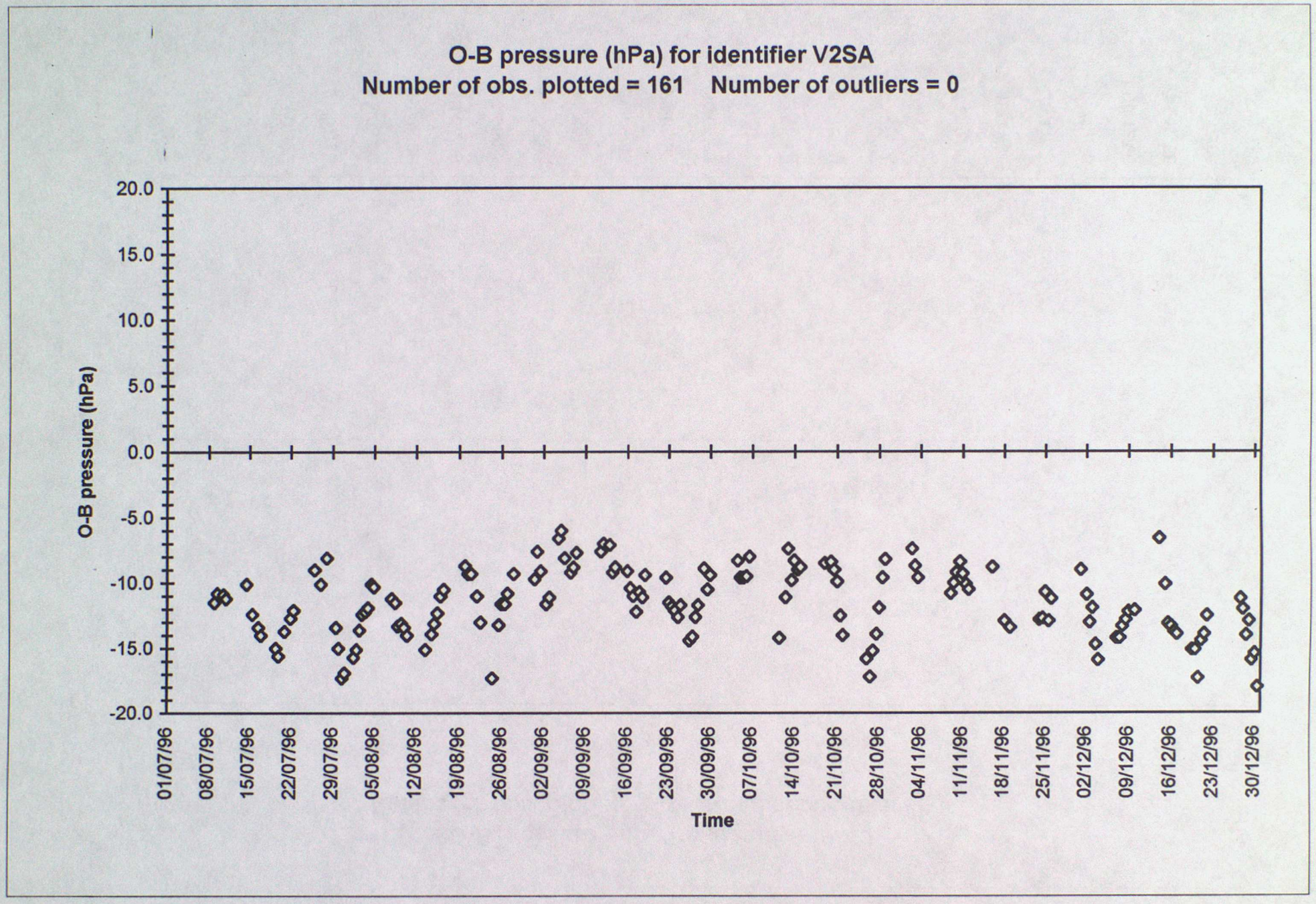
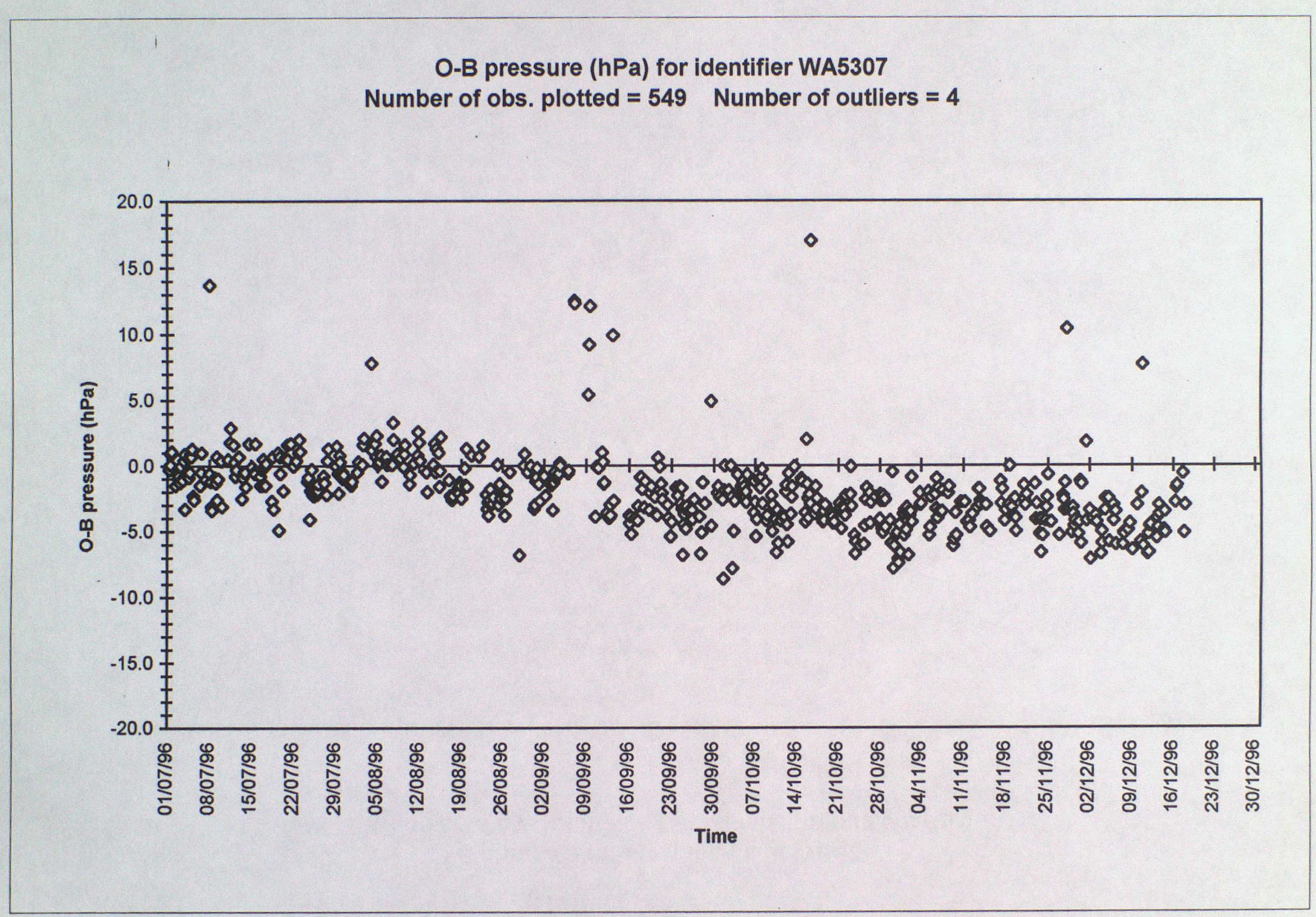
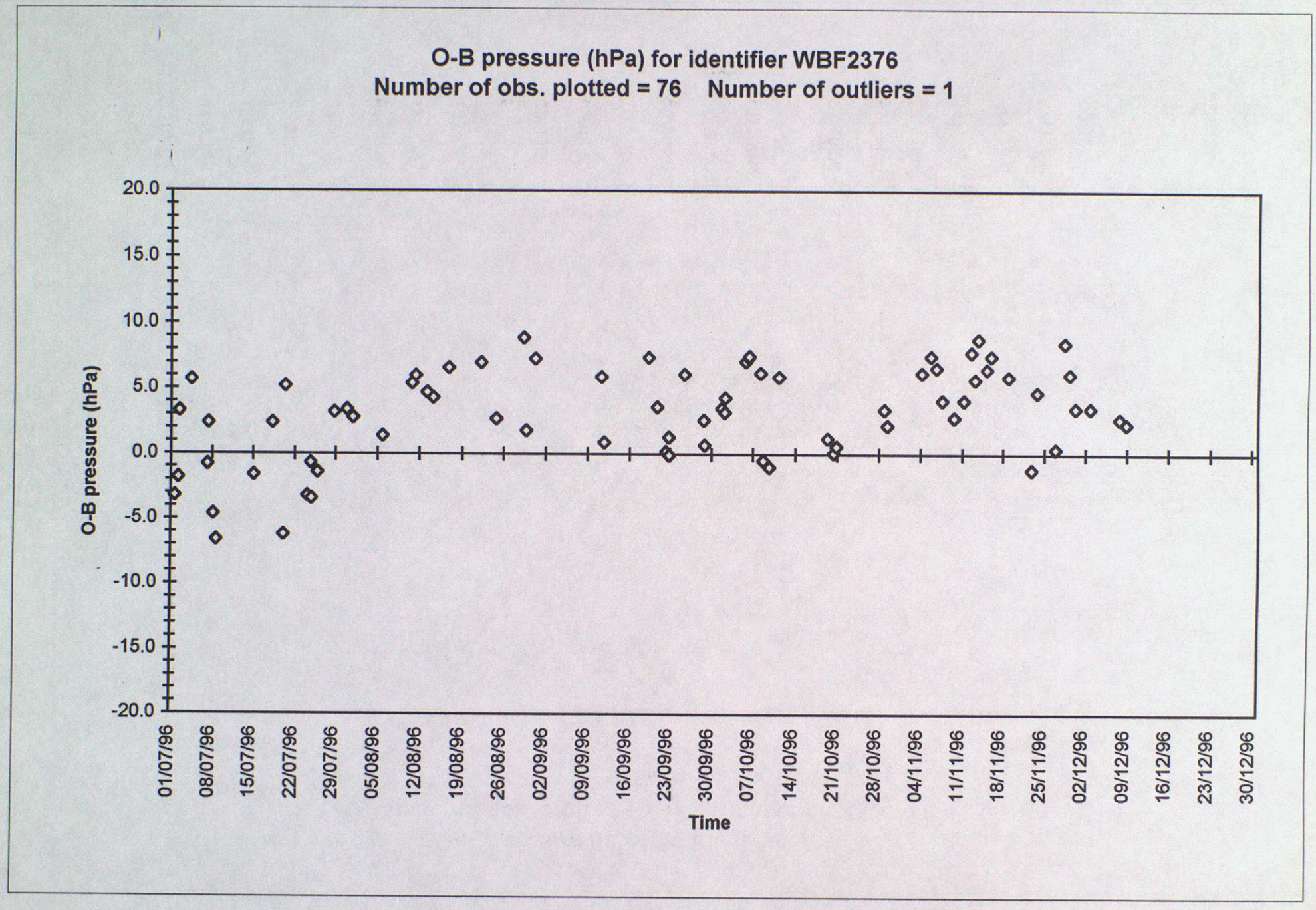
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier V2SA
Number of obs. plotted = 161 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier WA5307
Number of obs. plotted = 549 Number of outliers = 4
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier WBF2376
Number of obs. plotted = 76 Number of outliers = 1
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier WDZG
Number of obs. plotted = 55 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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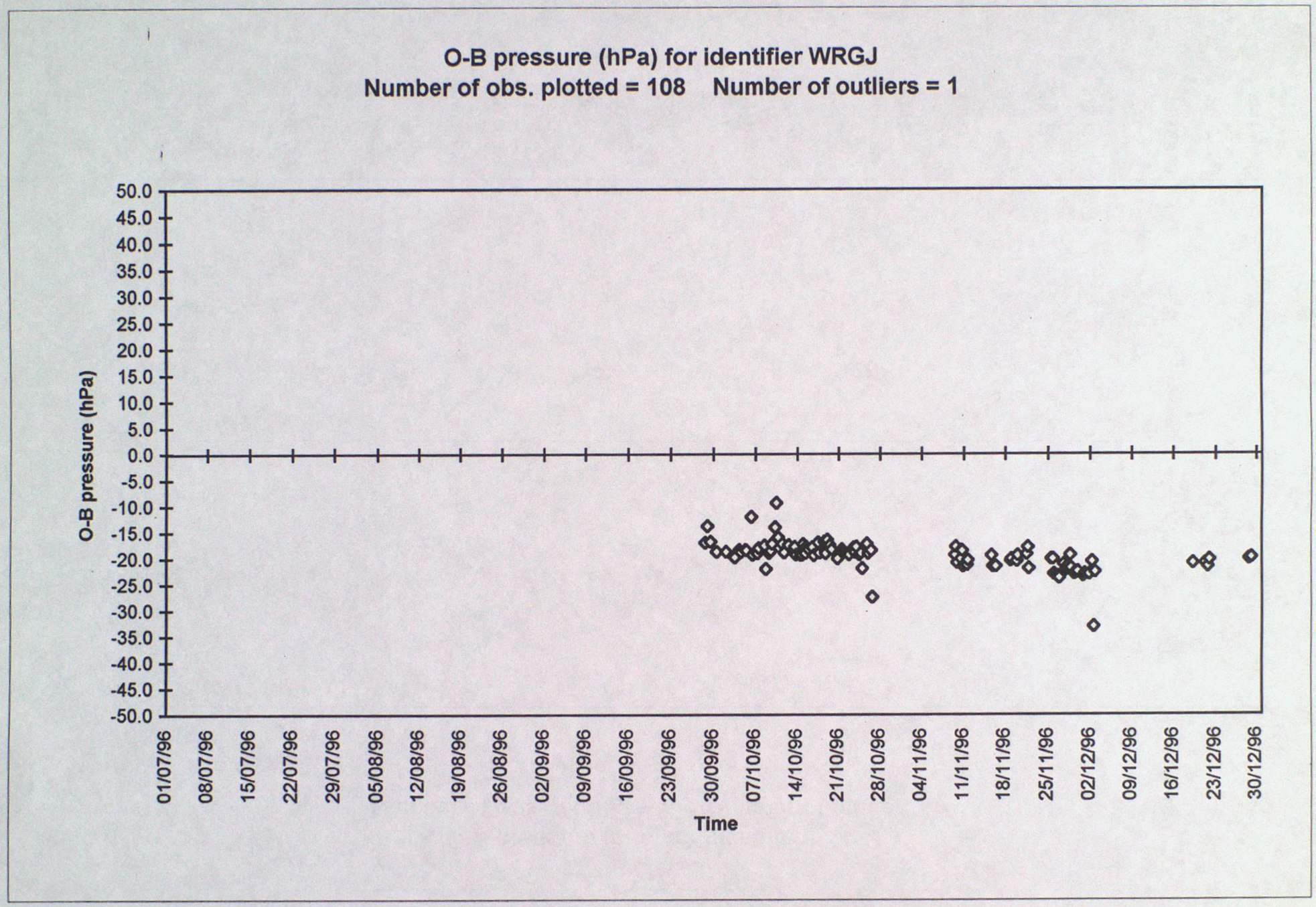
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier WRGJ
Number of obs. plotted = 108 Number of outliers = 1
O-B pressure (hPa)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier YJYS6
Number of obs. plotted = 114 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier YLBF
Number of obs. plotted = 86 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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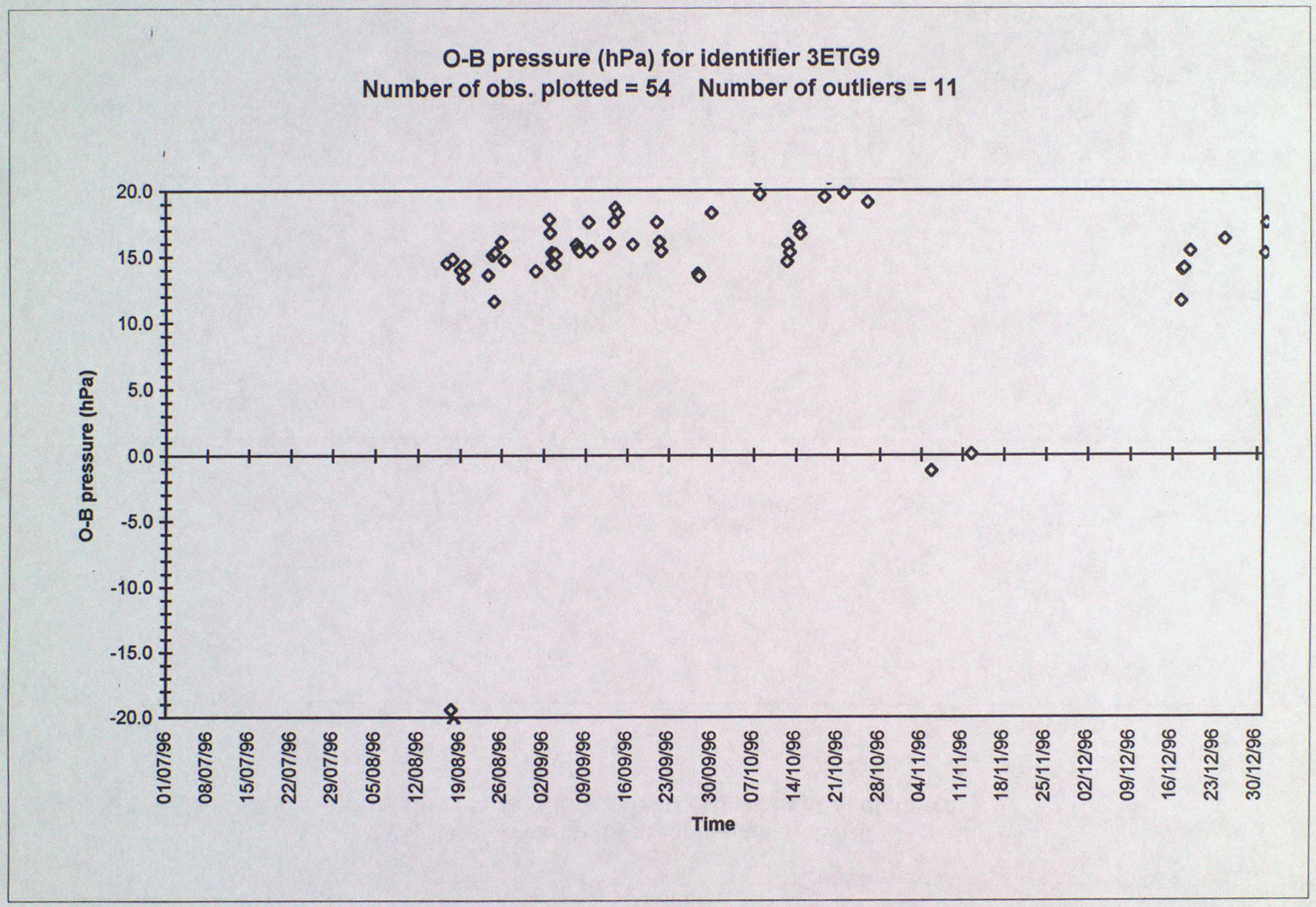
09/12/96
16/12/96
23/12/96
30/12/96

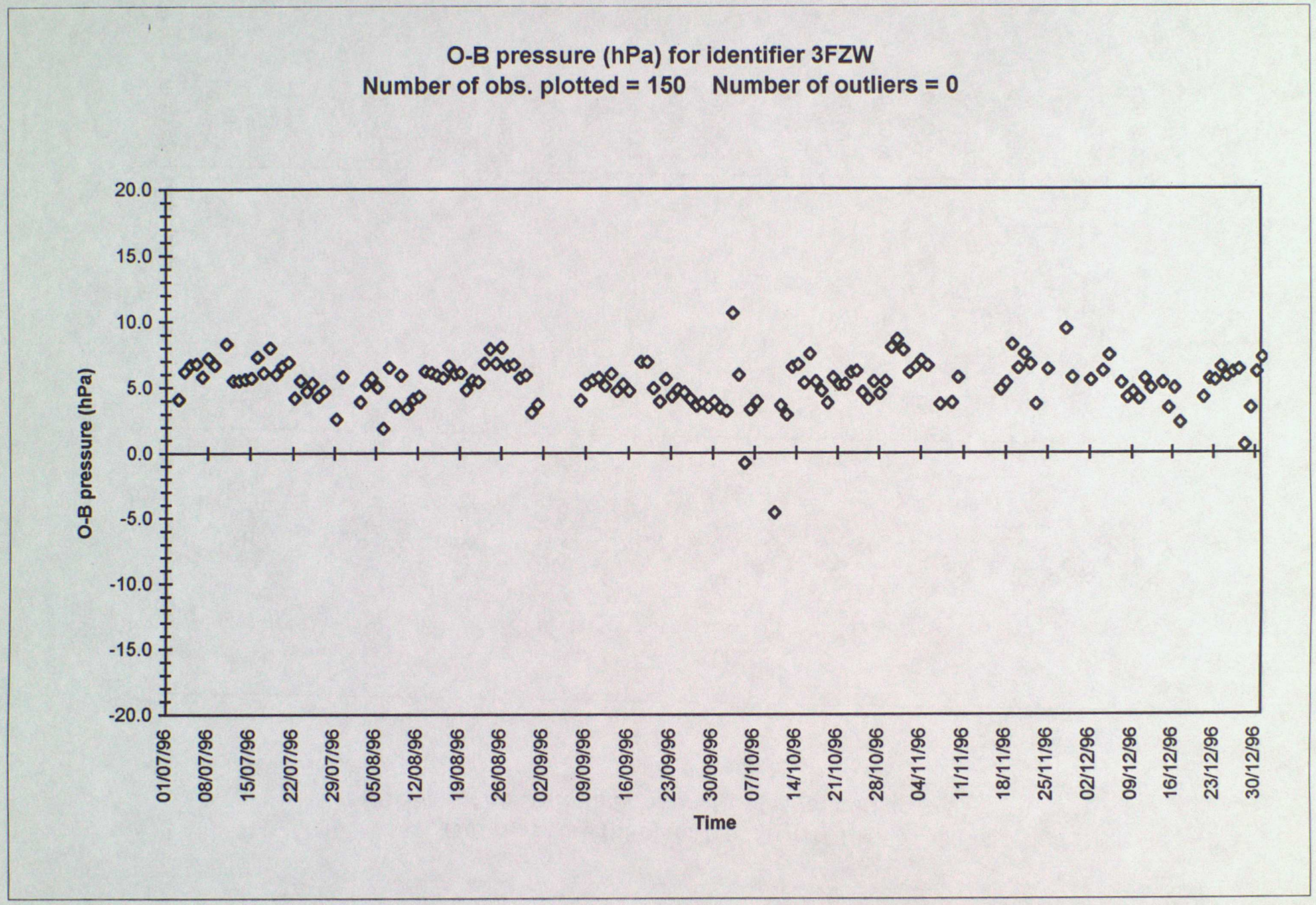

O-B pressure (hPa) for identifier 3ETG9
Number of obs. plotted = 54 Number of outliers = 11
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

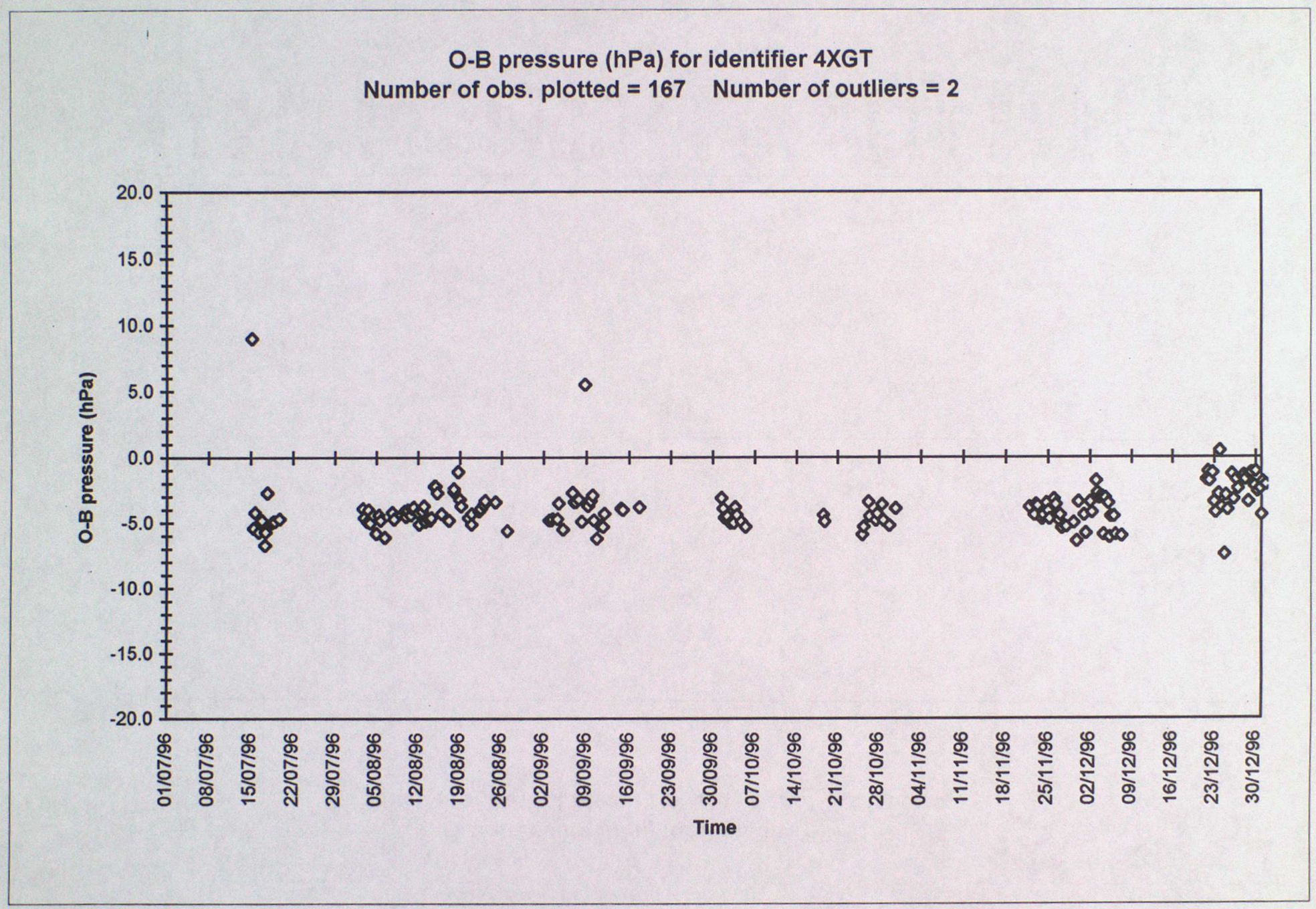
O-B pressure (hPa) for identifier 3EWJ9
Number of obs. plotted = 124 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 3FCU3
Number of obs. plotted = 78 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 3FGQ3
Number of obs. plotted = 132 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 3FTJ4
Number of obs. plotted = 106 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B pressure (hPa) for identifier 3FZW
Number of obs. plotted = 150 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B pressure (hPa) for identifier 4XGT
Number of obs. plotted = 167 Number of outliers = 2
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B pressure (hPa) for identifier 9VHU
Number of obs. plotted = 73 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B pressure (hPa) for identifier 9VIH
Number of obs. plotted = 251 Number of outliers = 0
O-B pressure (hPa)
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
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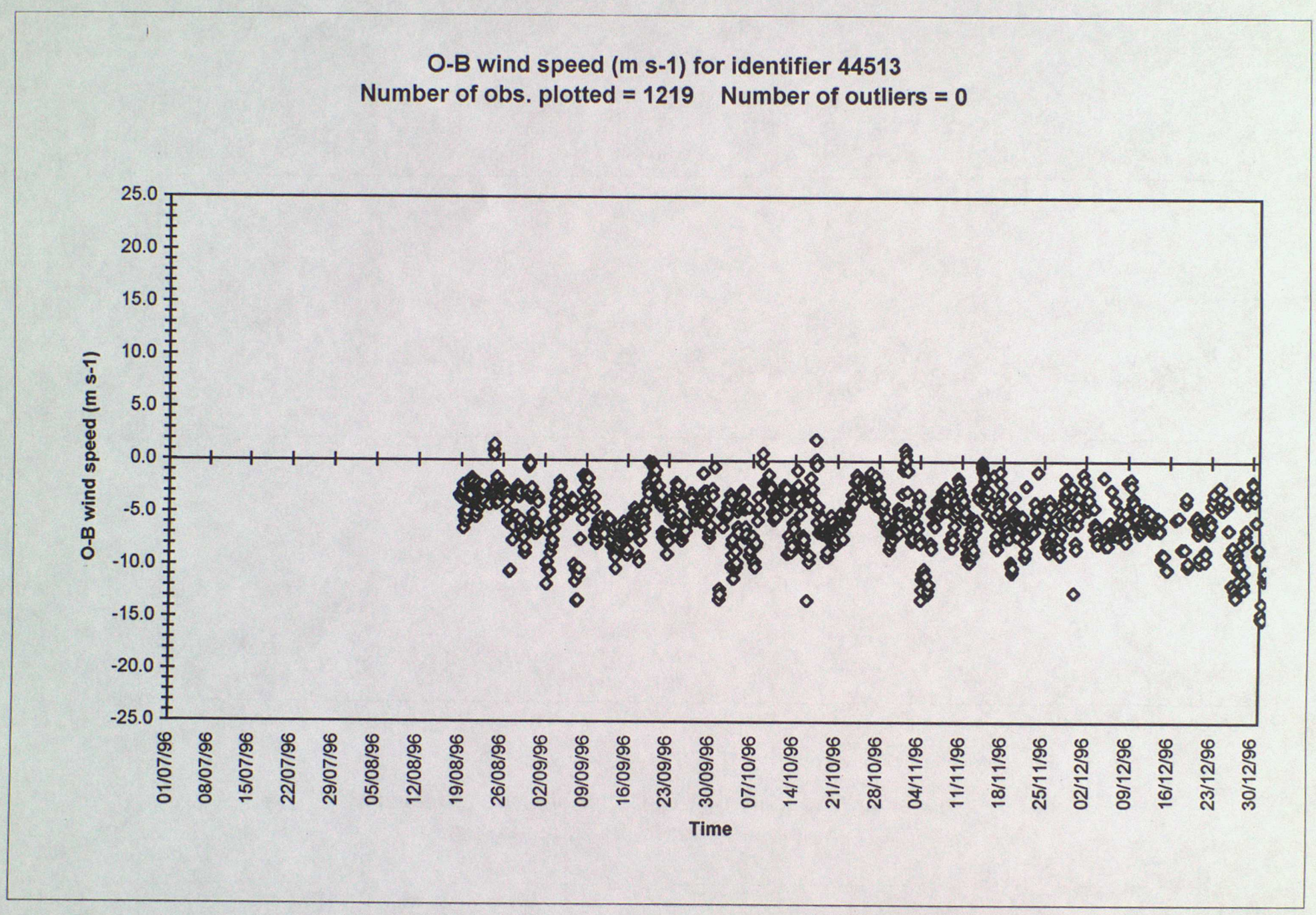
16/12/96
23/12/96
30/12/96


O-B wind speed (m s-1) for identifier 44513
Number of obs. plotted = 1219 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B wind speed (m s-1) for identifier 44775
Number of obs. plotted = 85 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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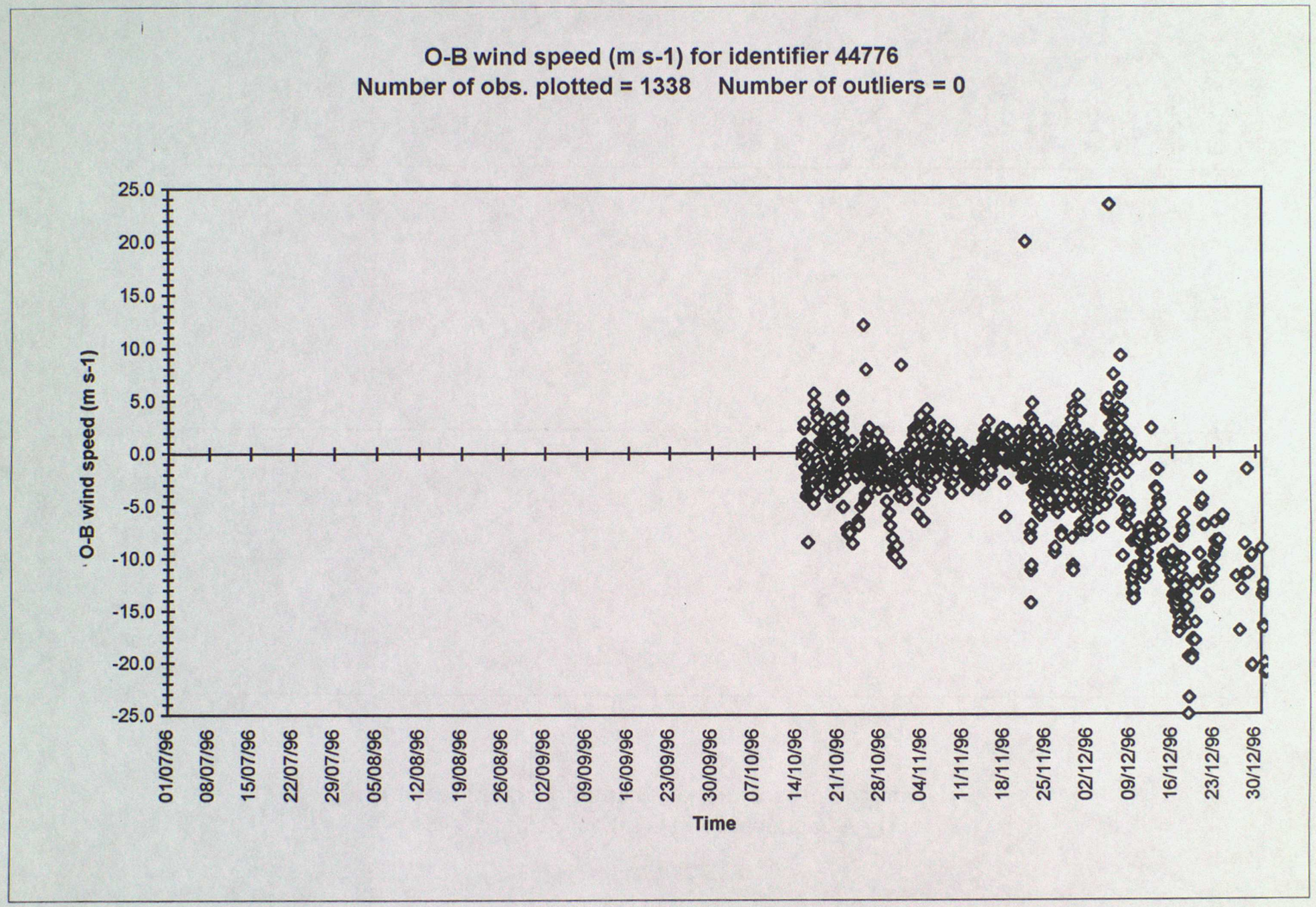
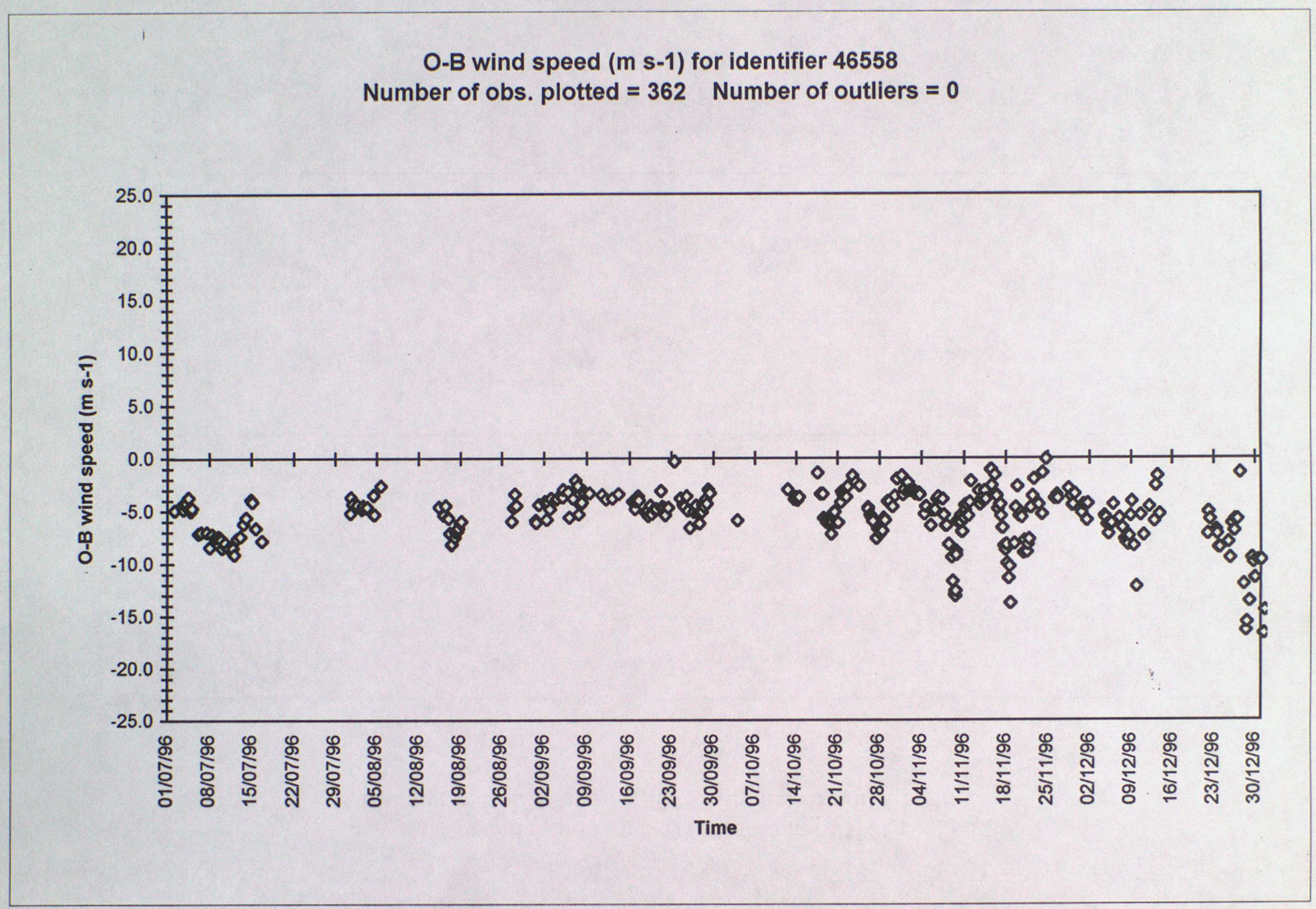
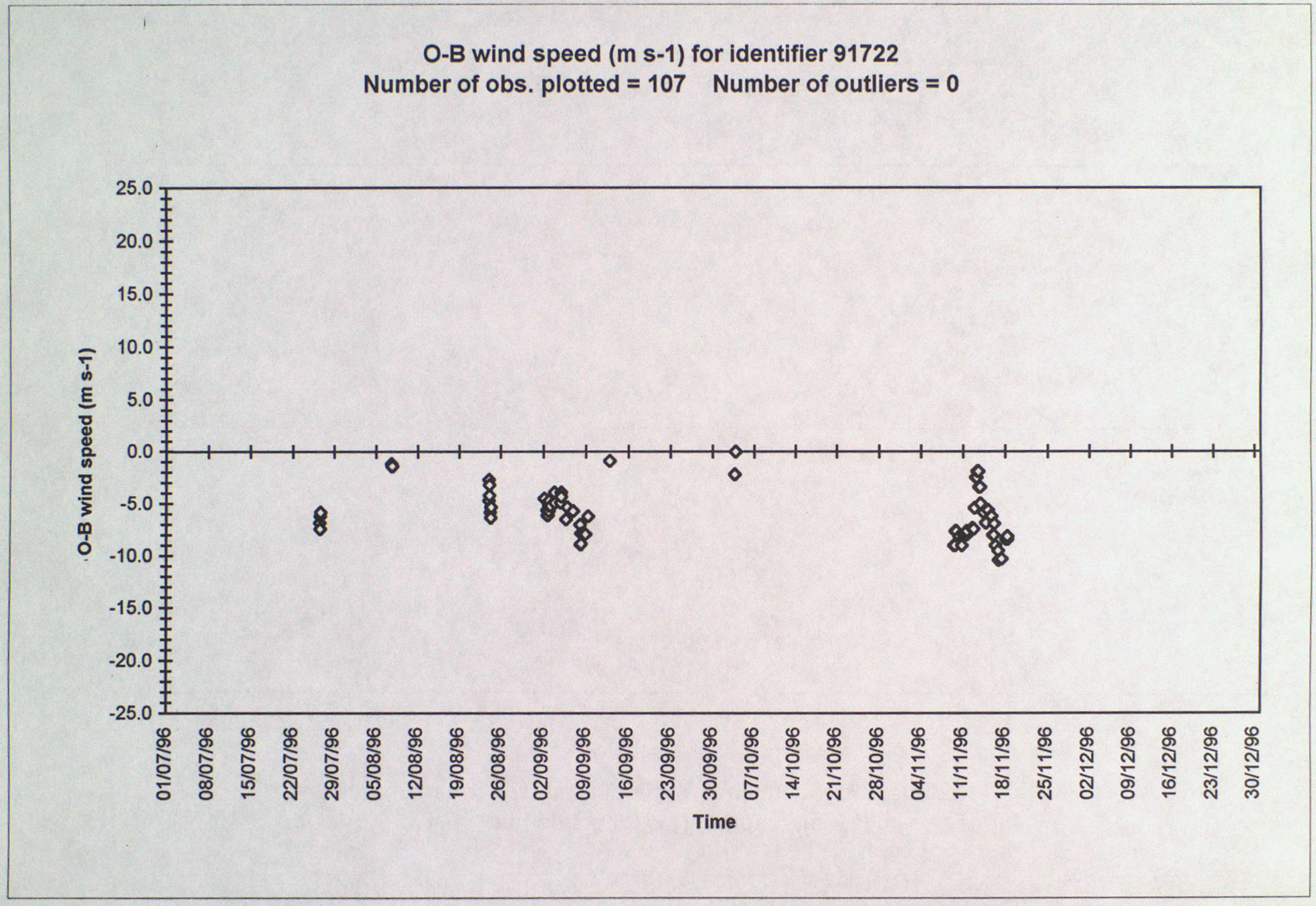
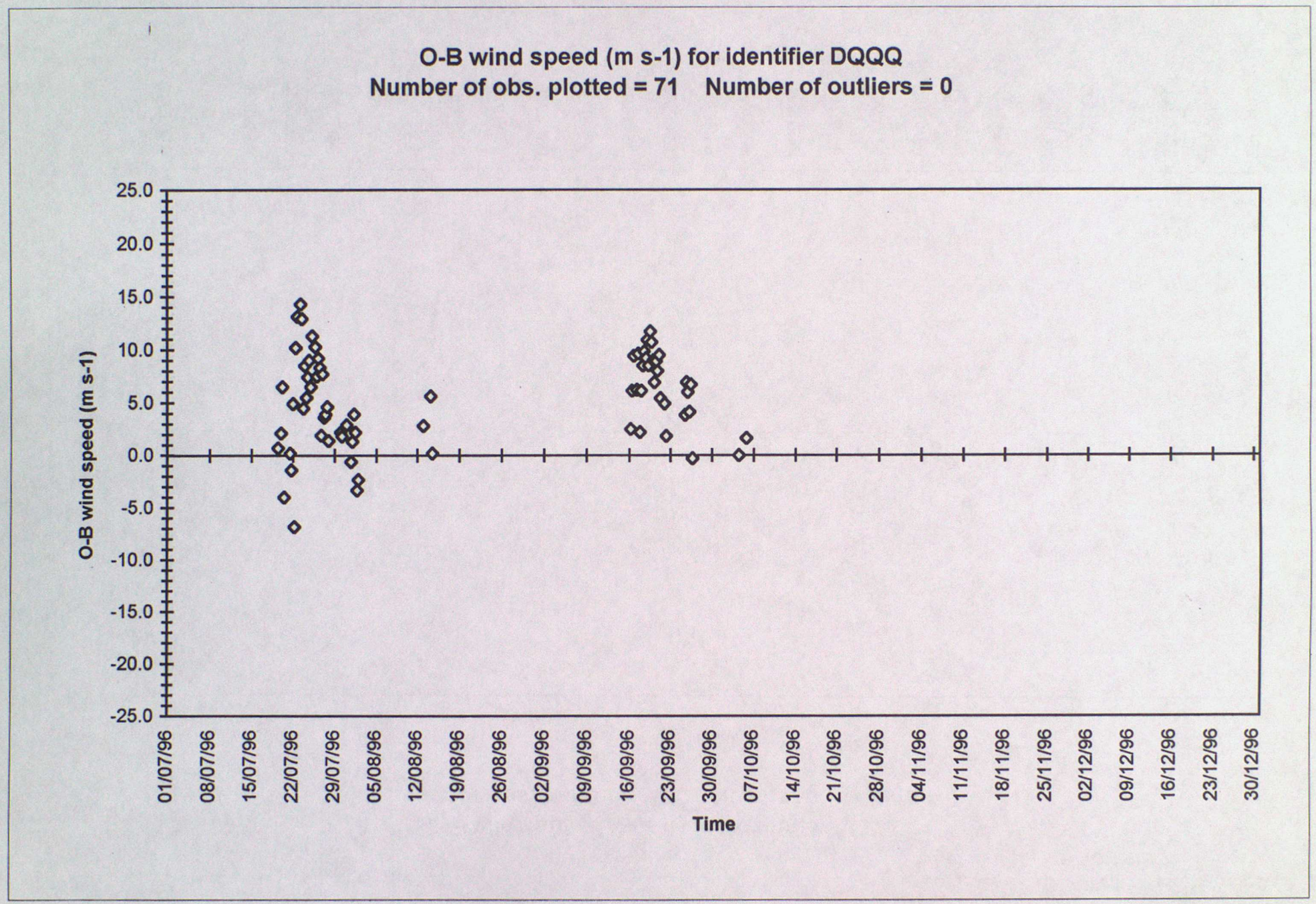
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

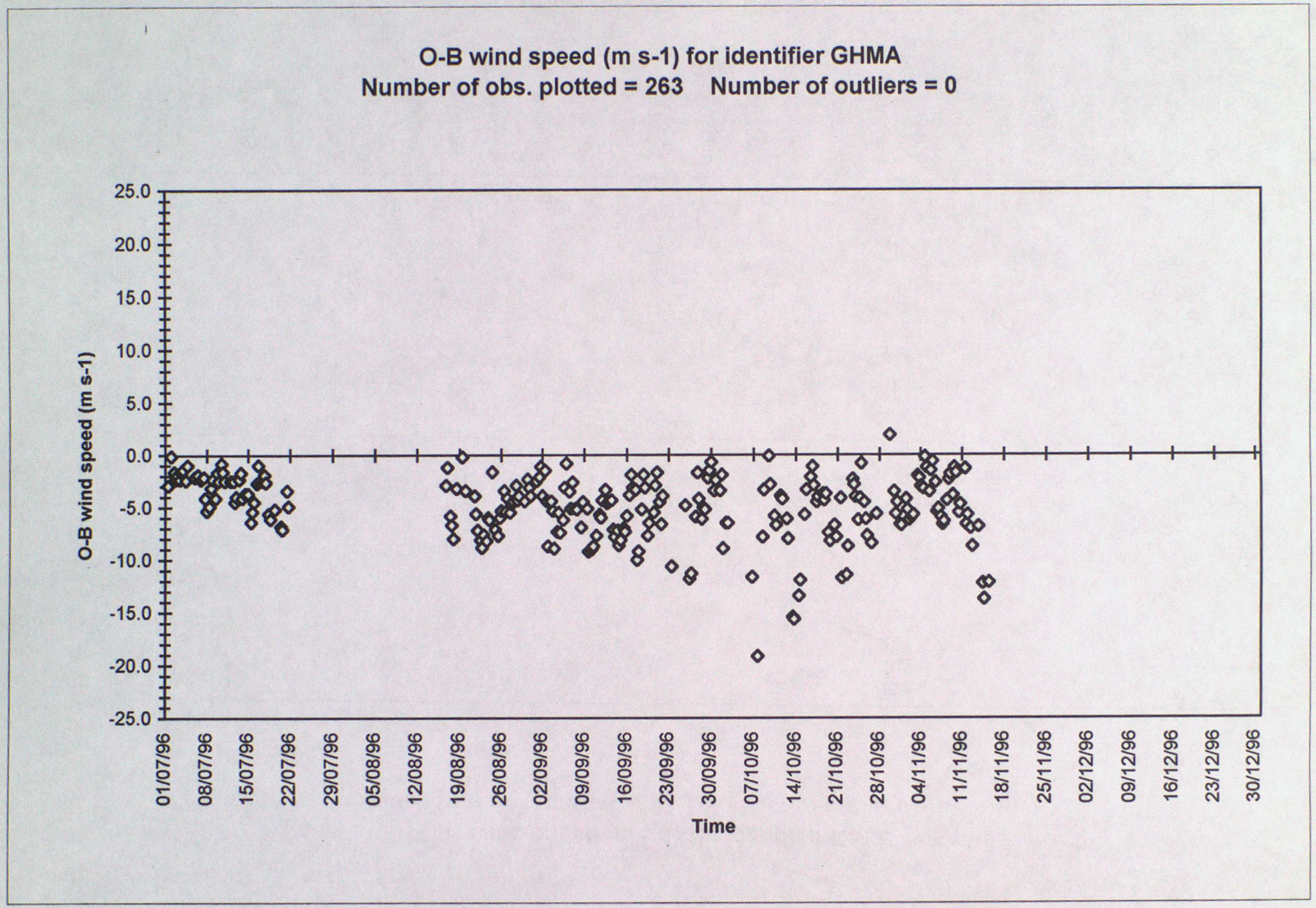

O-B wind speed (m s-1) for identifier 44776
Number of obs. plotted = 1338 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B wind speed (m s-1) for identifier 46558
Number of obs. plotted = 362 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

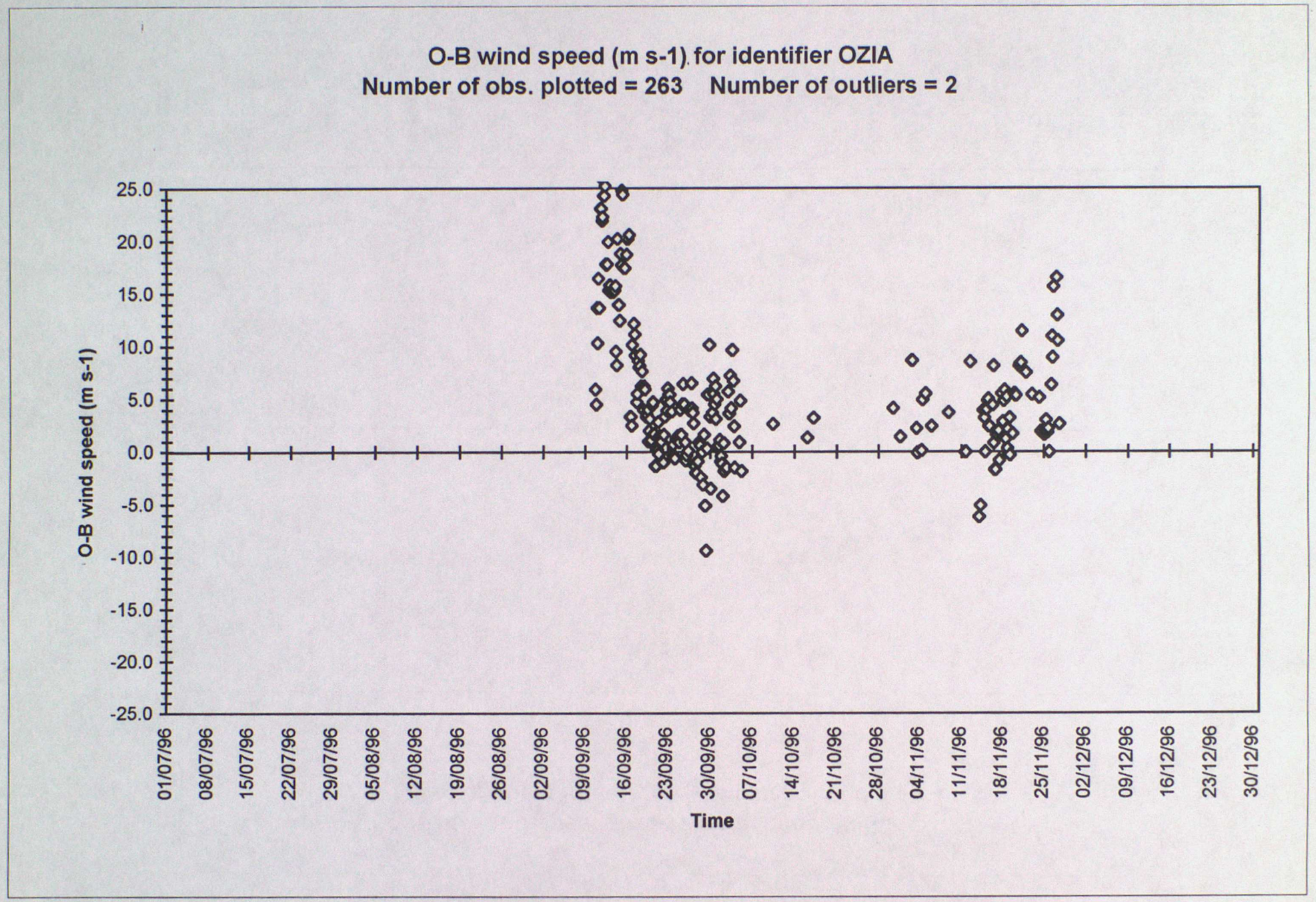

O-B wind speed (m s-1) for identifier 91722
Number of obs. plotted = 107 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

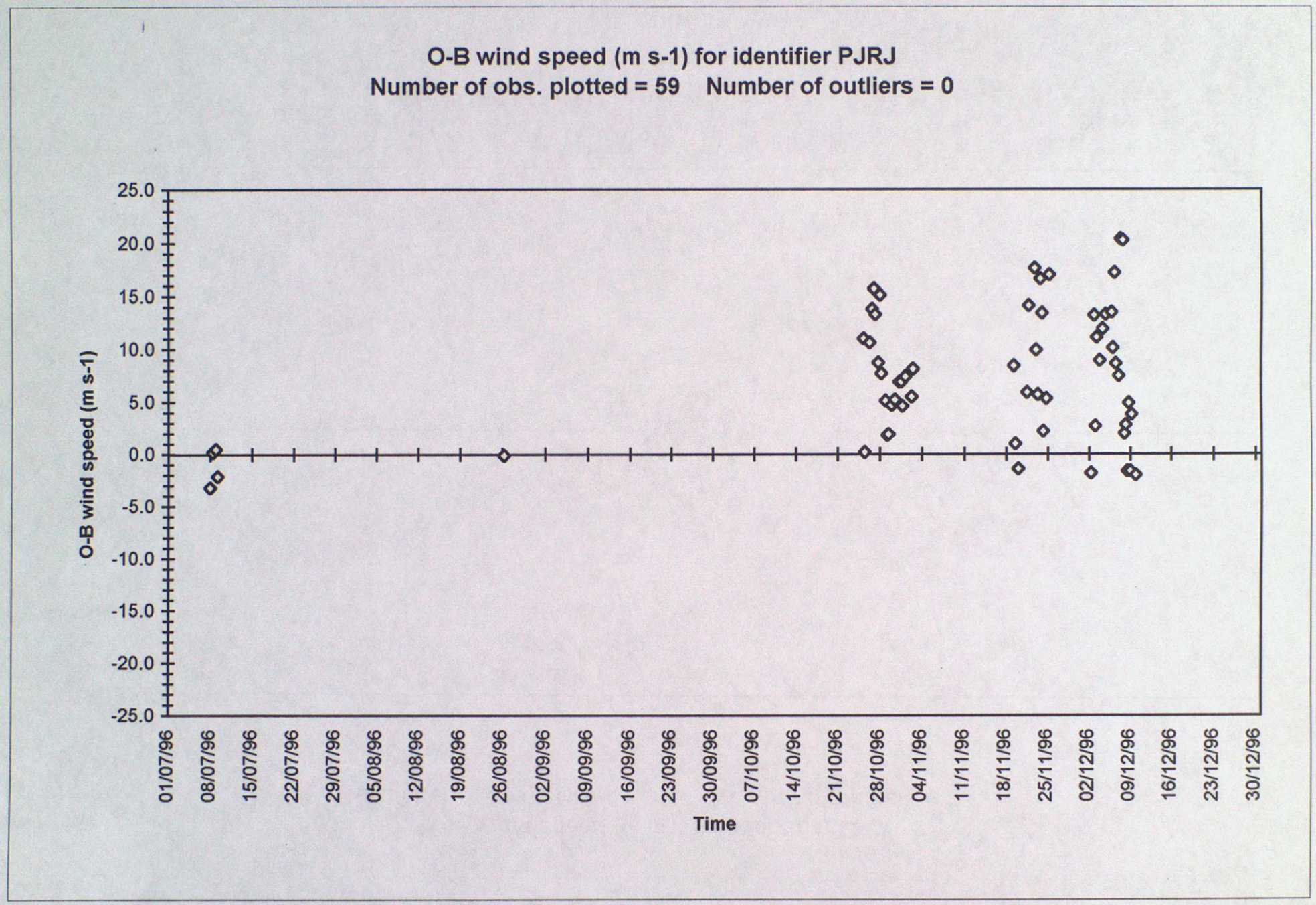

O-B wind speed (m s-1) for identifier DQQQ
Number of obs. plotted = 71 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

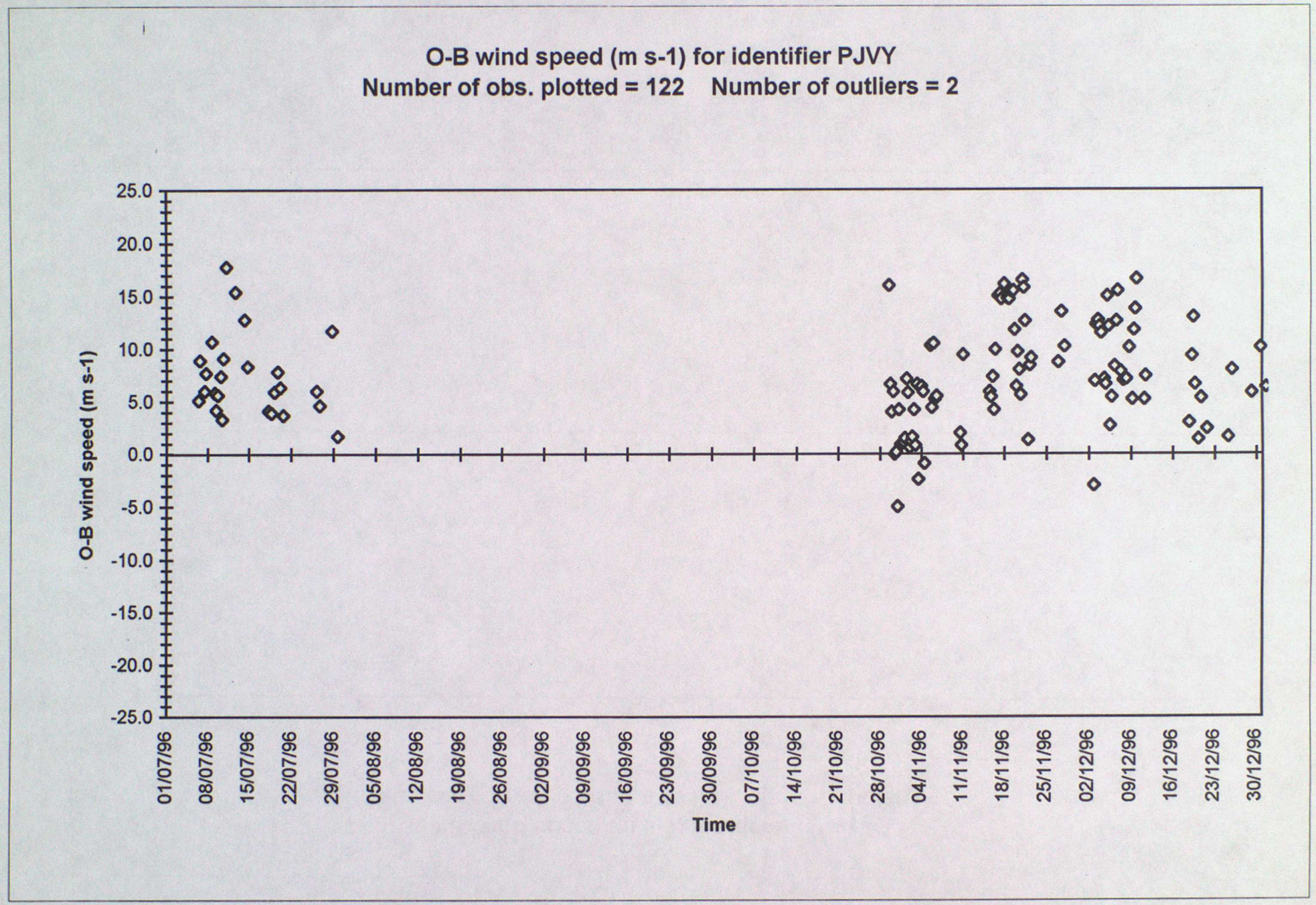
O-B wind speed (m s-1) for identifier FNZD
Number of obs. plotted = 387 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

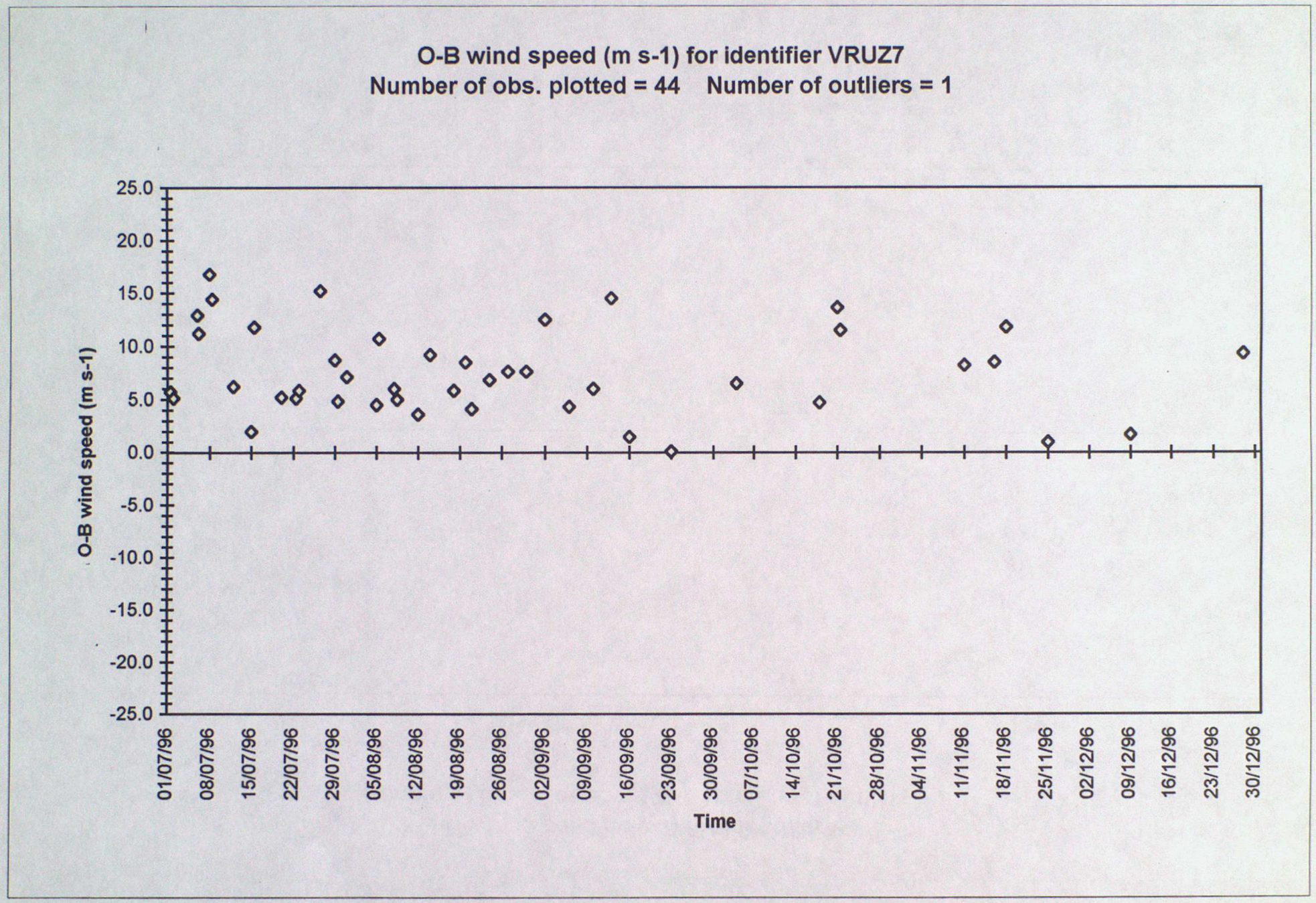

O-B wind speed (m s-1) for identifier GHMA
Number of obs. plotted = 263 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

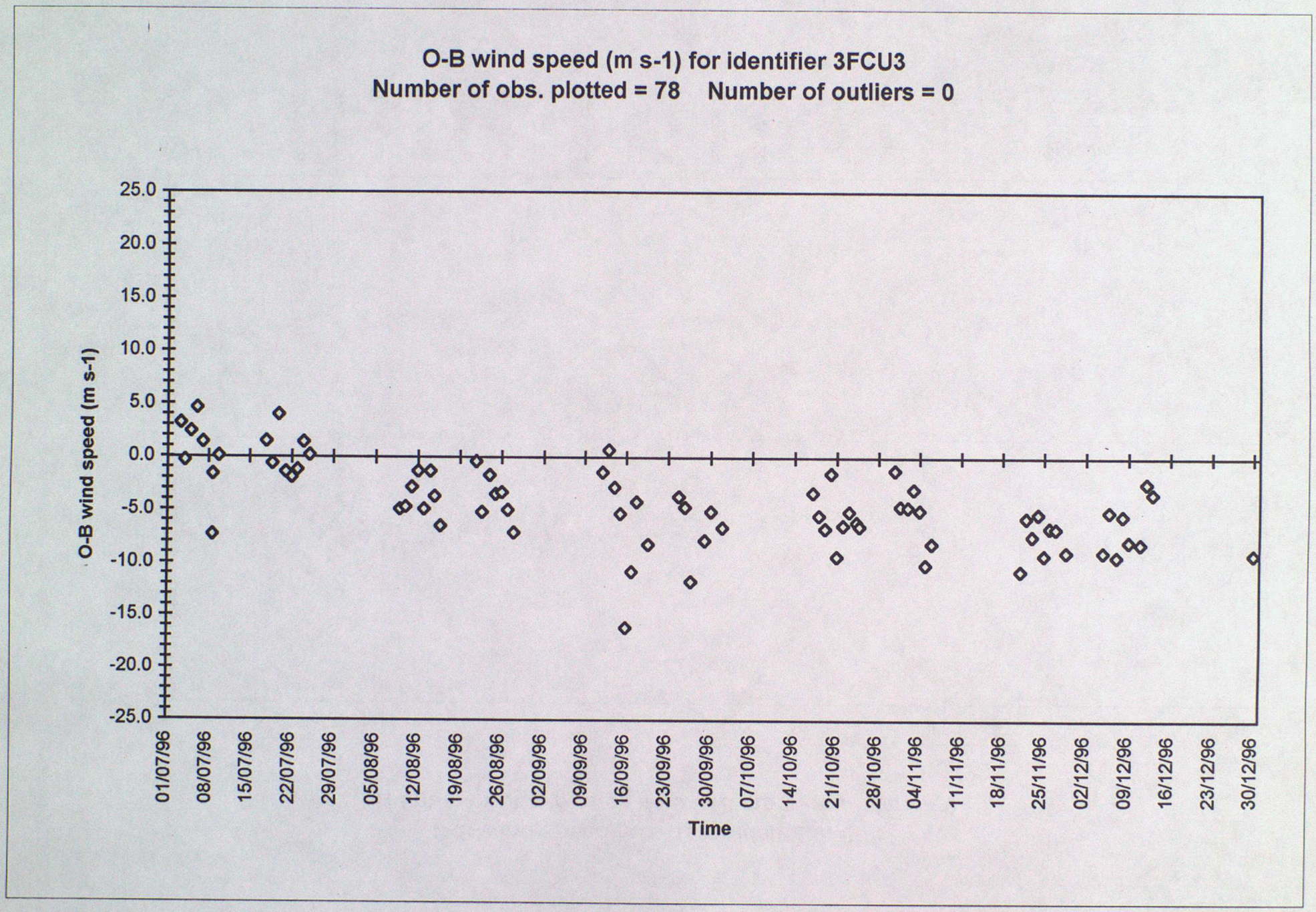
O-B wind speed (m s-1) for identifier KSLB
Number of obs. plotted = 52 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-B wind speed (m s-1) for identifier OZIA
Number of obs. plotted = 263 Number of outliers = 2
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B wind speed (m s-1) for identifier PJRJ
Number of obs. plotted = 59 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B wind speed (m s-1) for identifier PJVY
Number of obs. plotted = 122 Number of outliers = 2
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B wind speed (m s-1) for identifier VRUZ7
Number of obs. plotted = 44 Number of outliers = 1
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-B wind speed (m s-1) for identifier 3FCU3
Number of obs. plotted = 78 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-B wind speed (m s-1) for identifier 9MTZ
Number of obs. plotted = 99 Number of outliers = 0
O-B wind speed (m s-1)
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 43001
Number of obs. plotted = 337 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 51307
Number of obs. plotted = 360 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 53549
Number of obs. plotted = 223 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 64516
Number of obs. plotted = 623 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 91722
Number of obs. plotted = 84 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier BHFN
Number of obs. plotted = 47 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier HZXS
Number of obs. plotted = 111 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier VLN4720
Number of obs. plotted = 41 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 44153
Number of obs. plotted = 111 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

O-B wind direction (deg.) for identifier 9MTZ
Number of obs. plotted = 86 Number of outliers = 0
O-B wind direction (deg.)
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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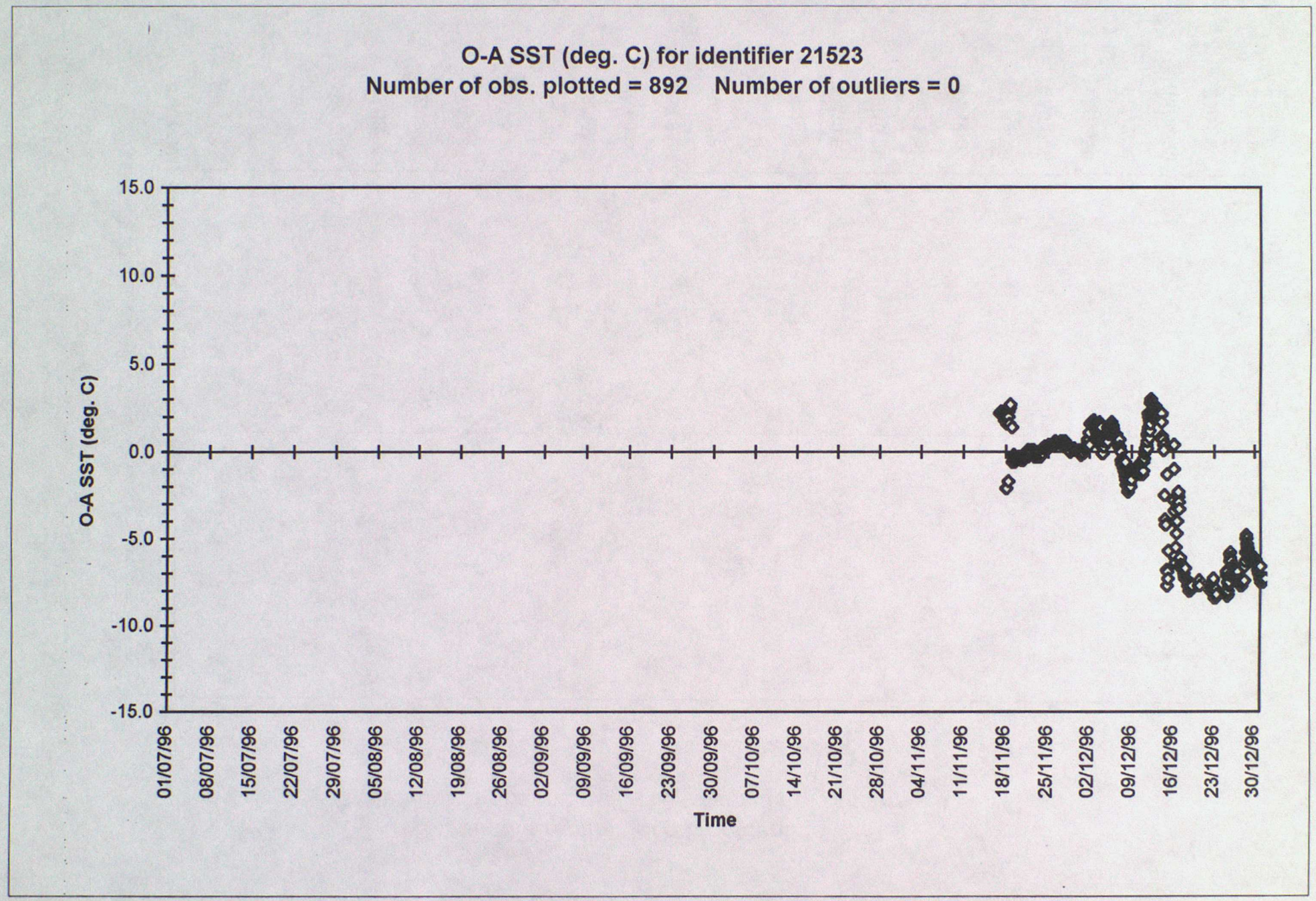
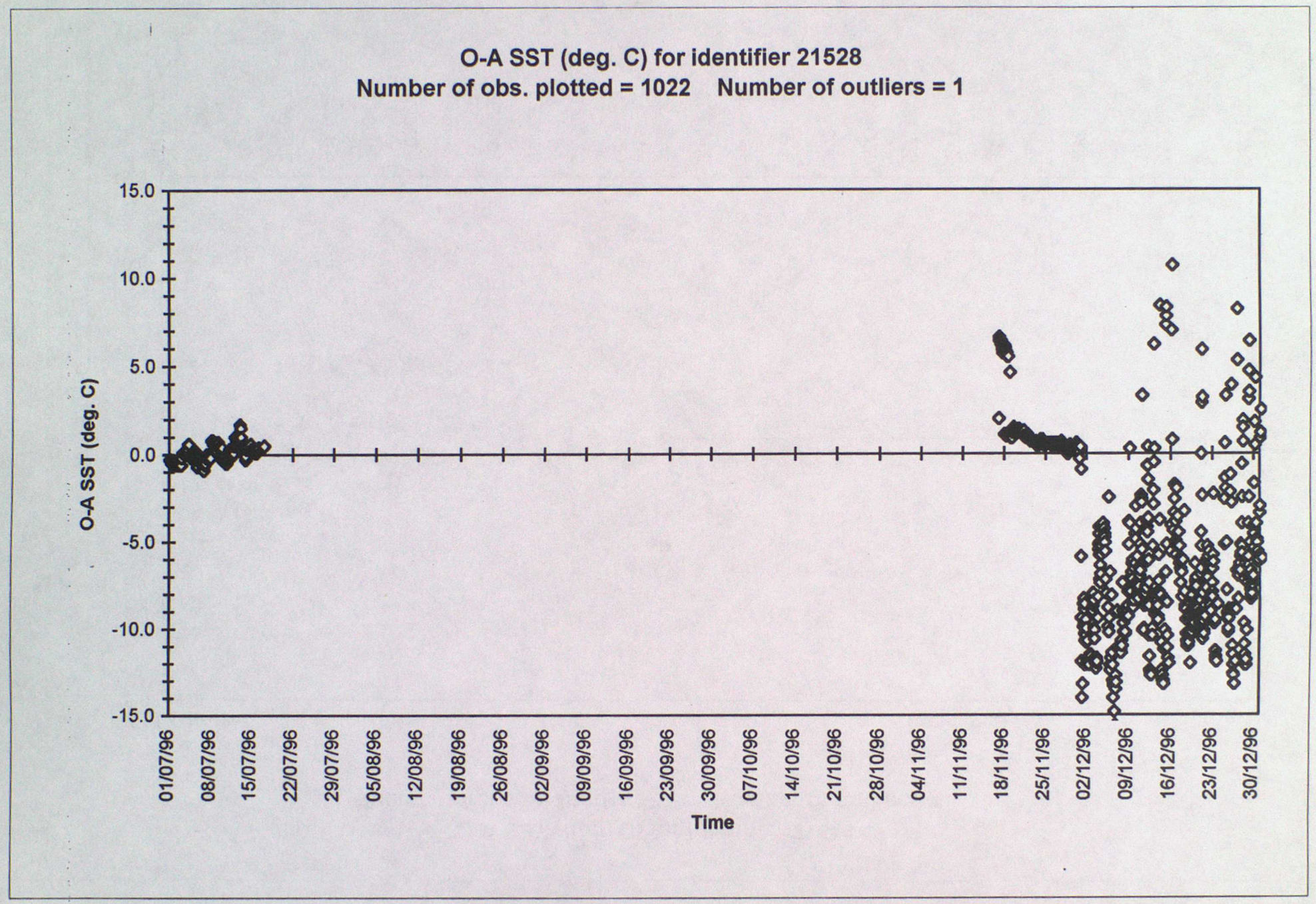
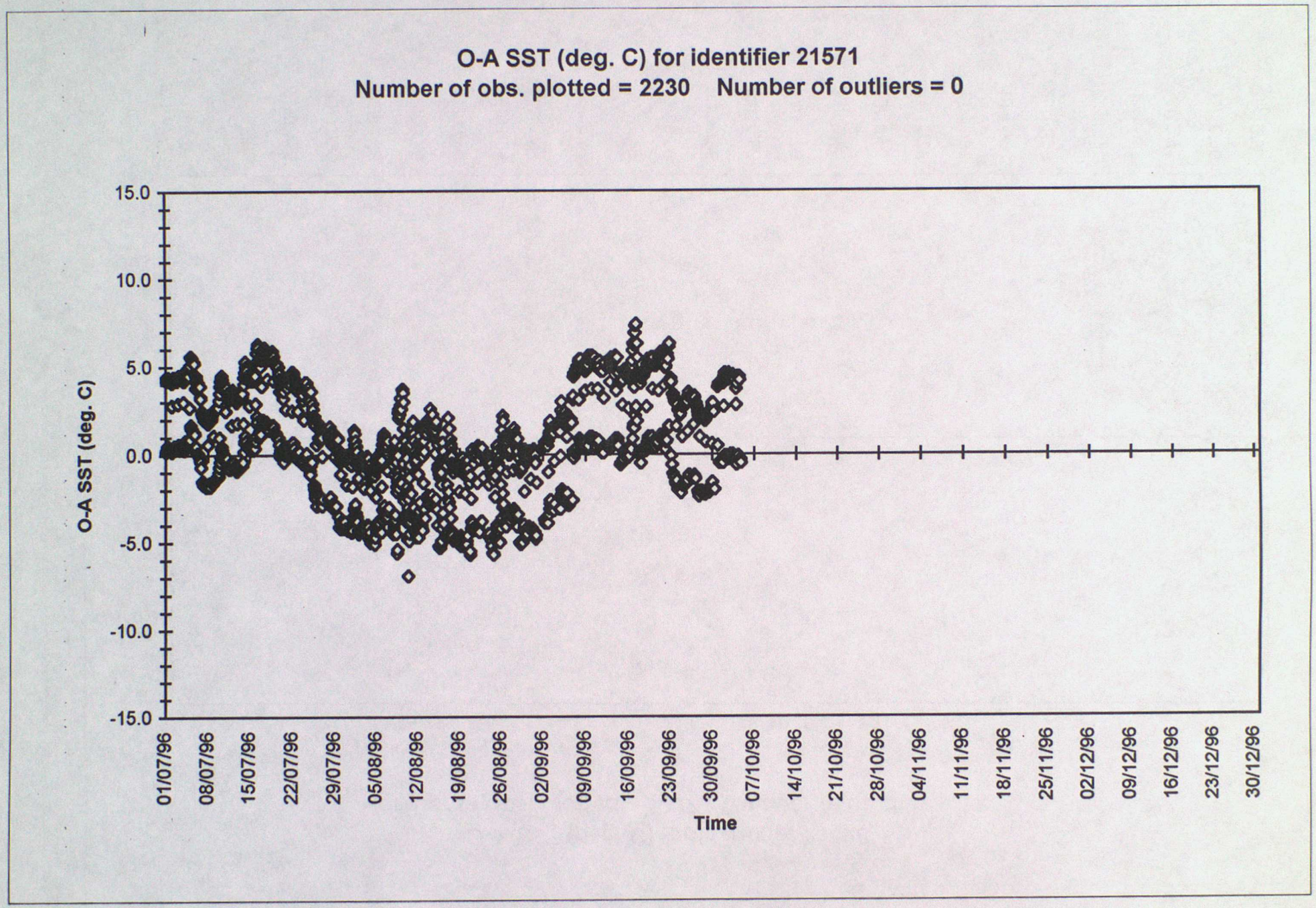
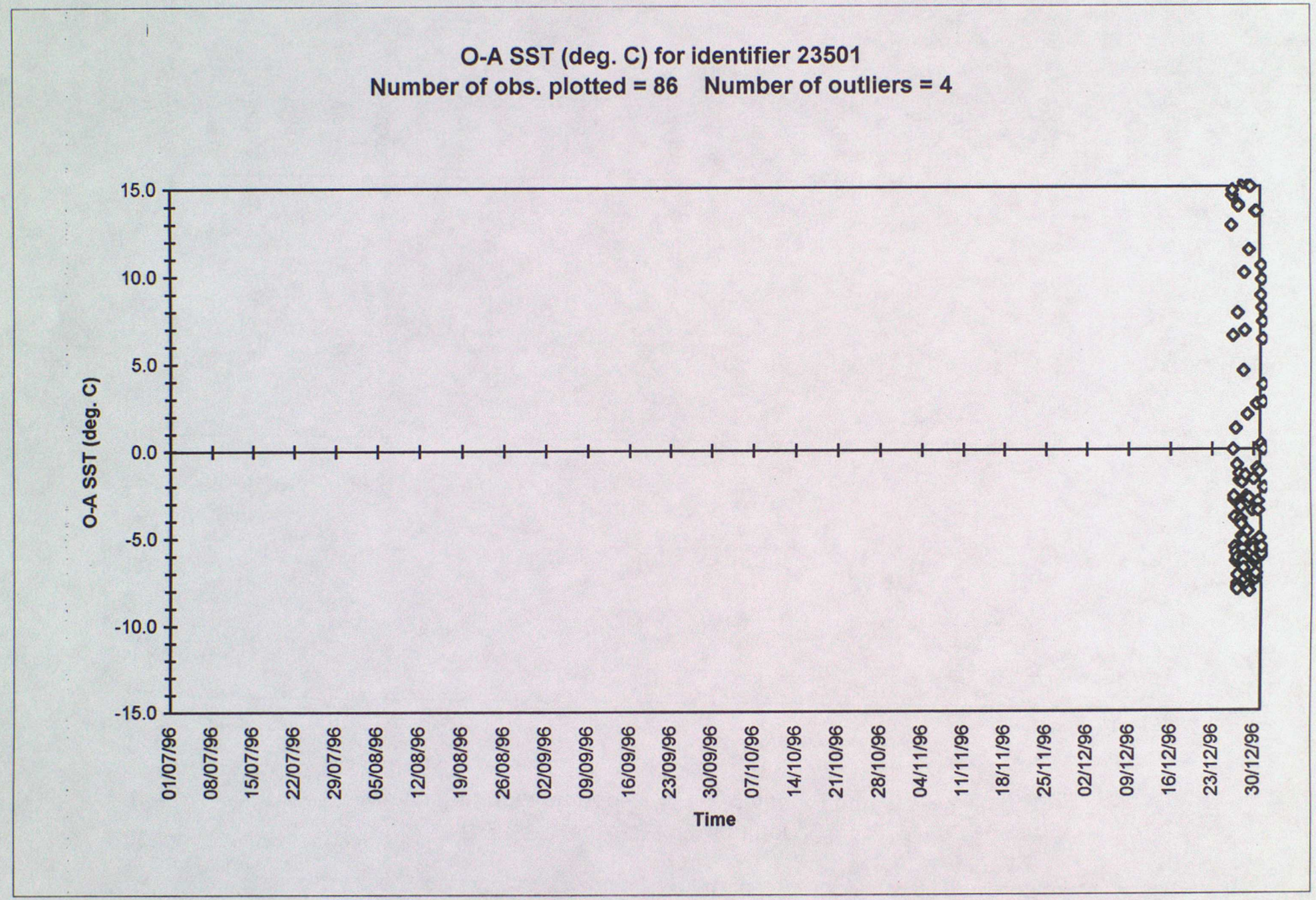
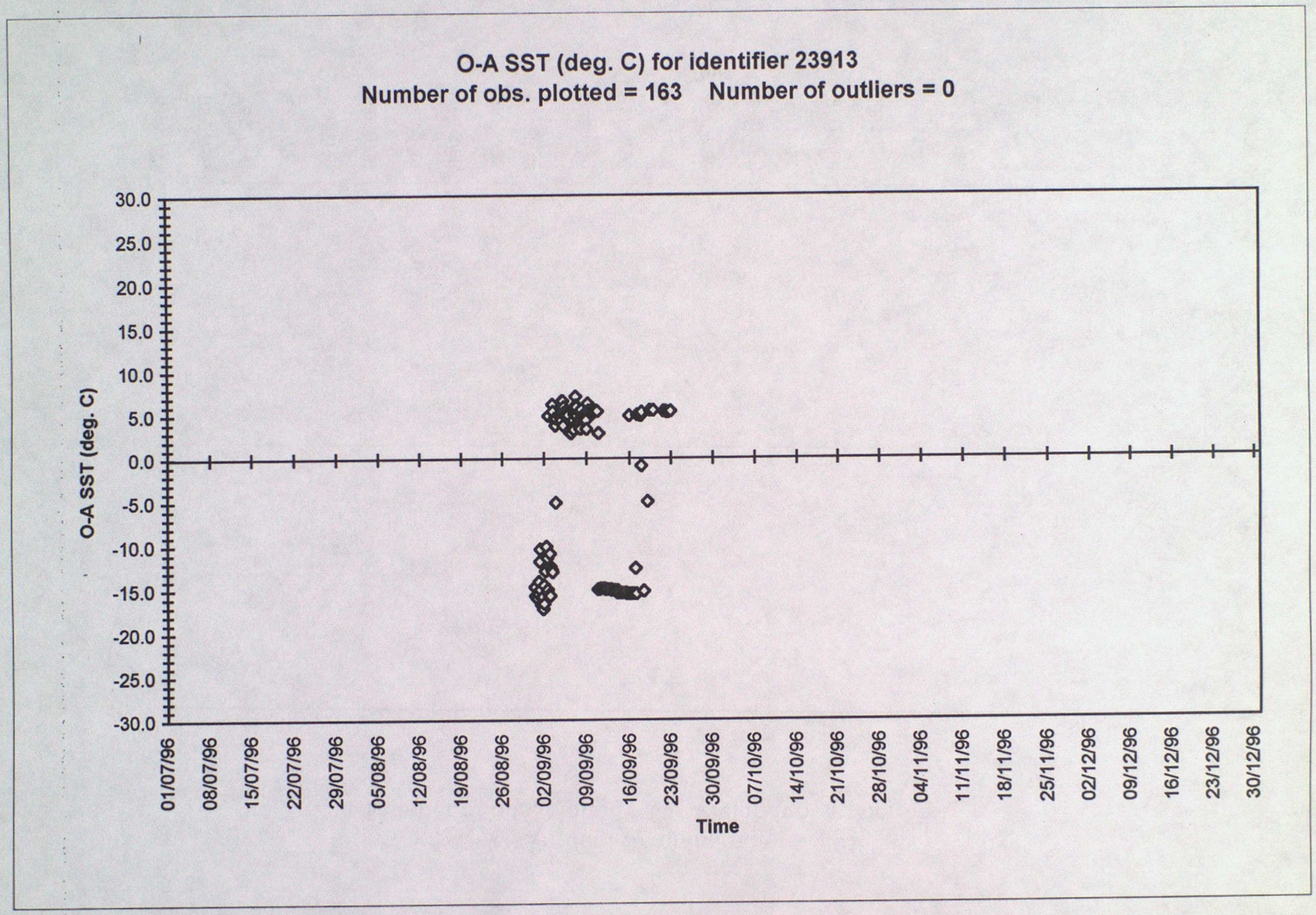
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

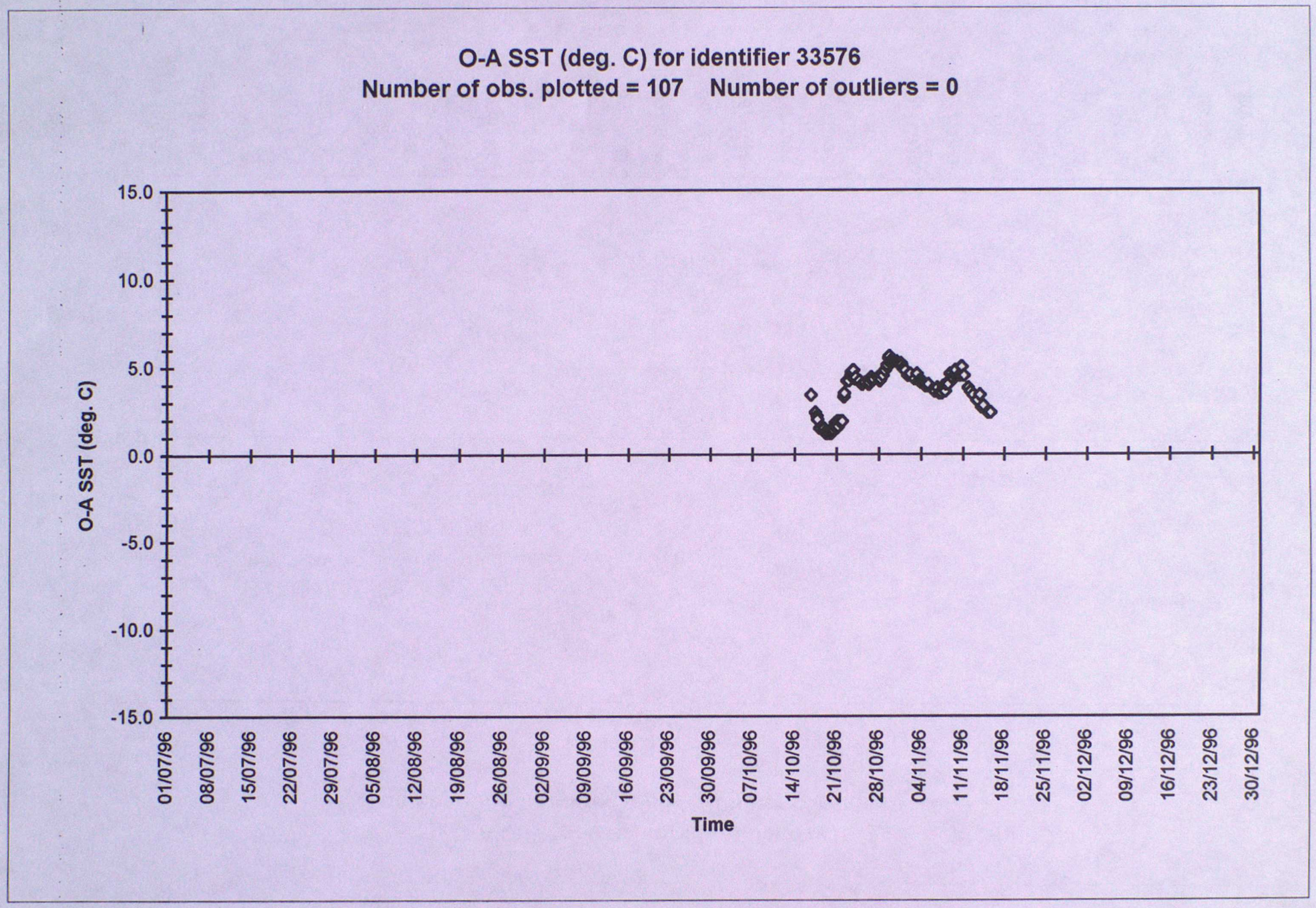

O-A SST (deg. C) for identifier 21523
Number of obs. plotted = 892 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

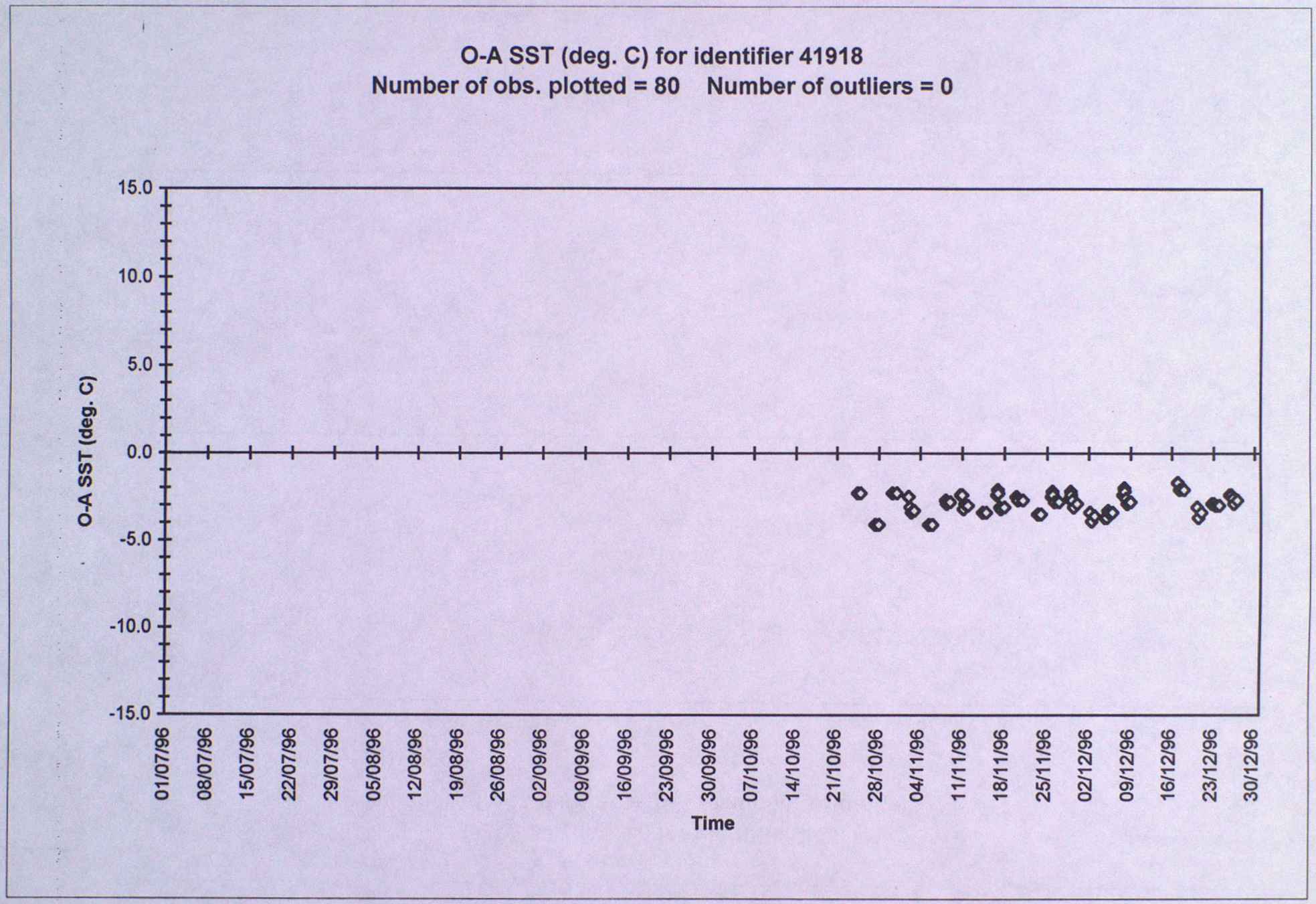

O-A SST (deg. C) for identifier 21528
Number of obs. plotted = 1022 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

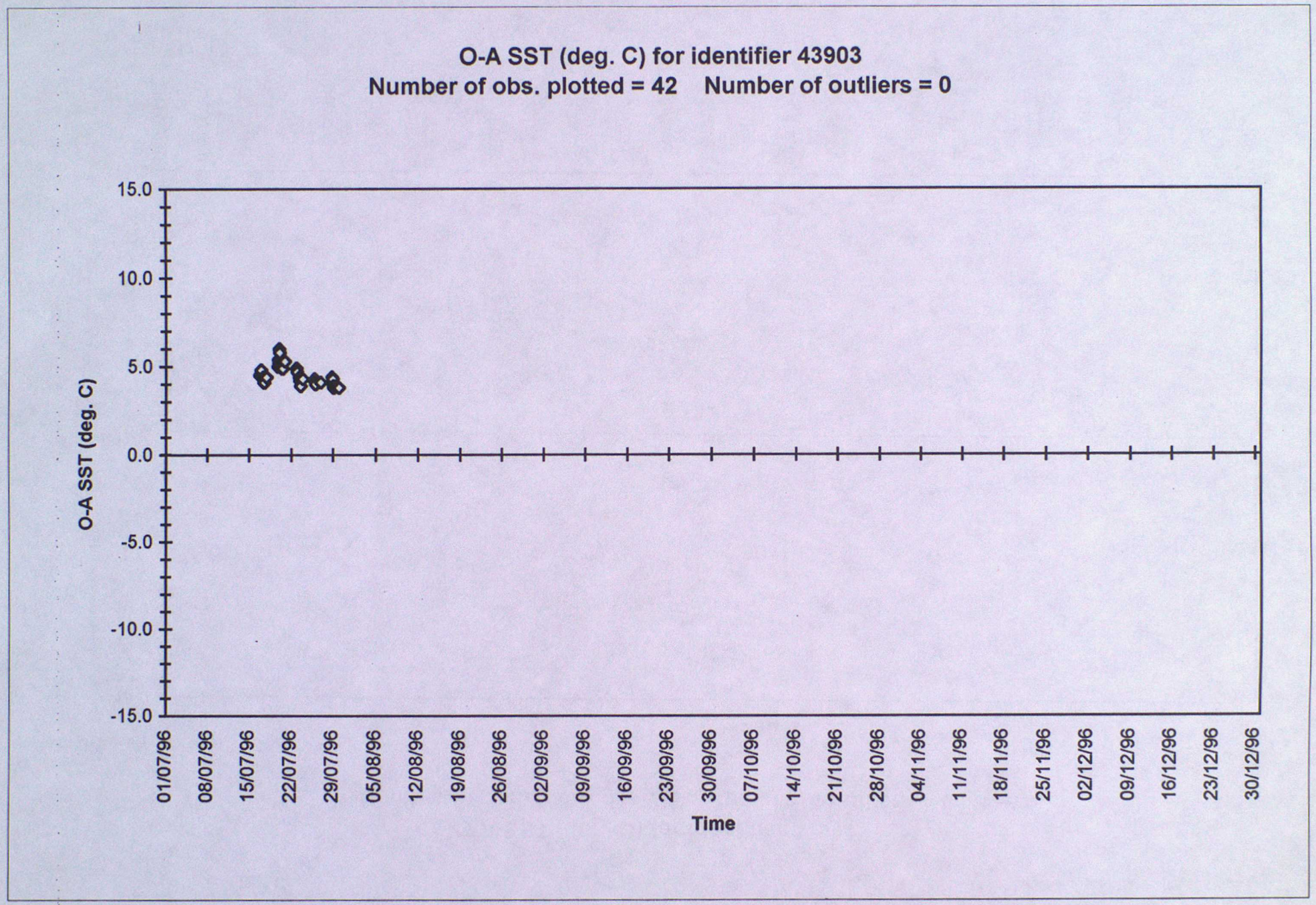

O-A SST (deg. C) for identifier 21571
Number of obs. plotted = 2230 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

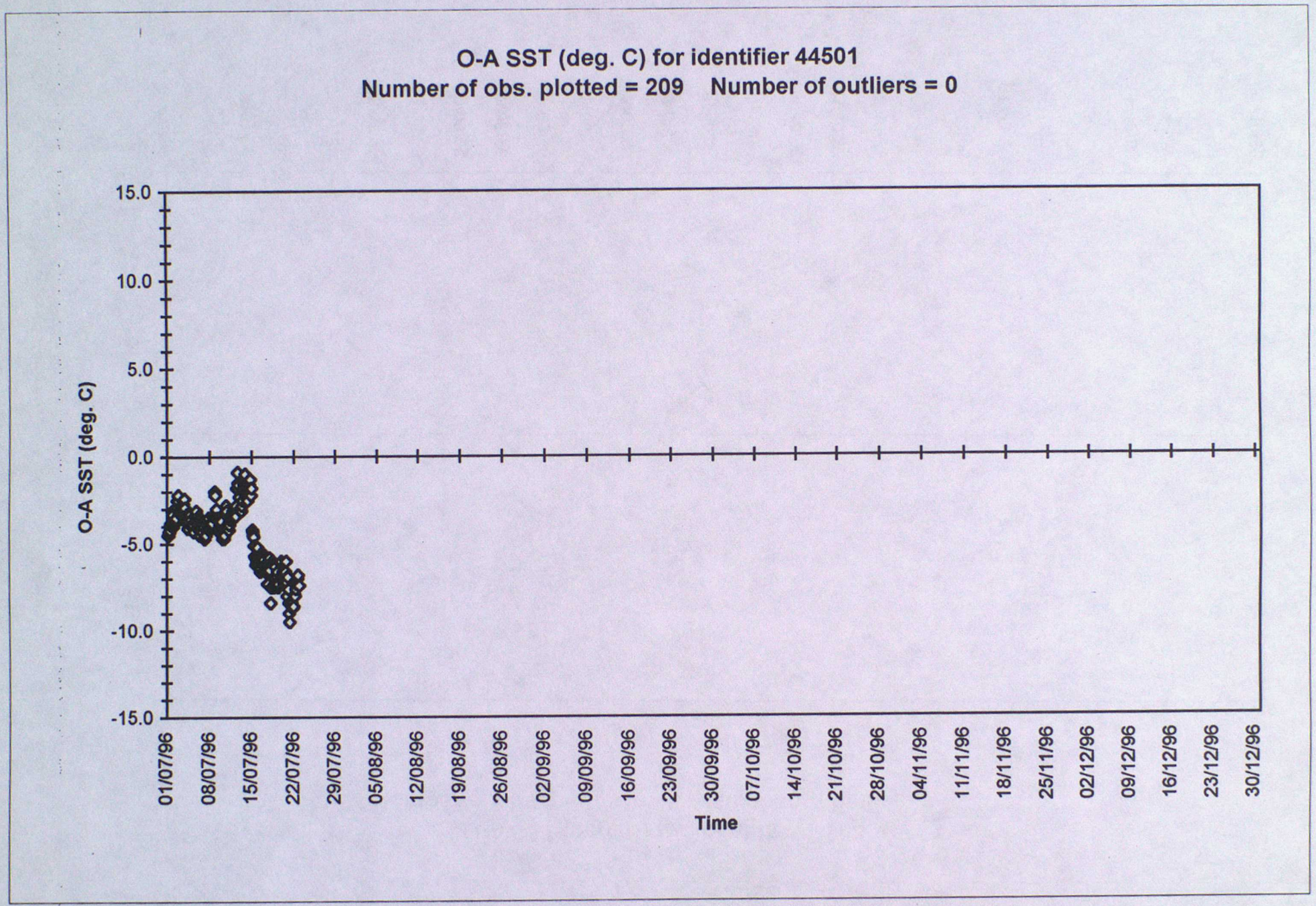

O-A SST (deg. C) for identifier 23501
Number of obs. plotted = 86 Number of outliers = 4
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

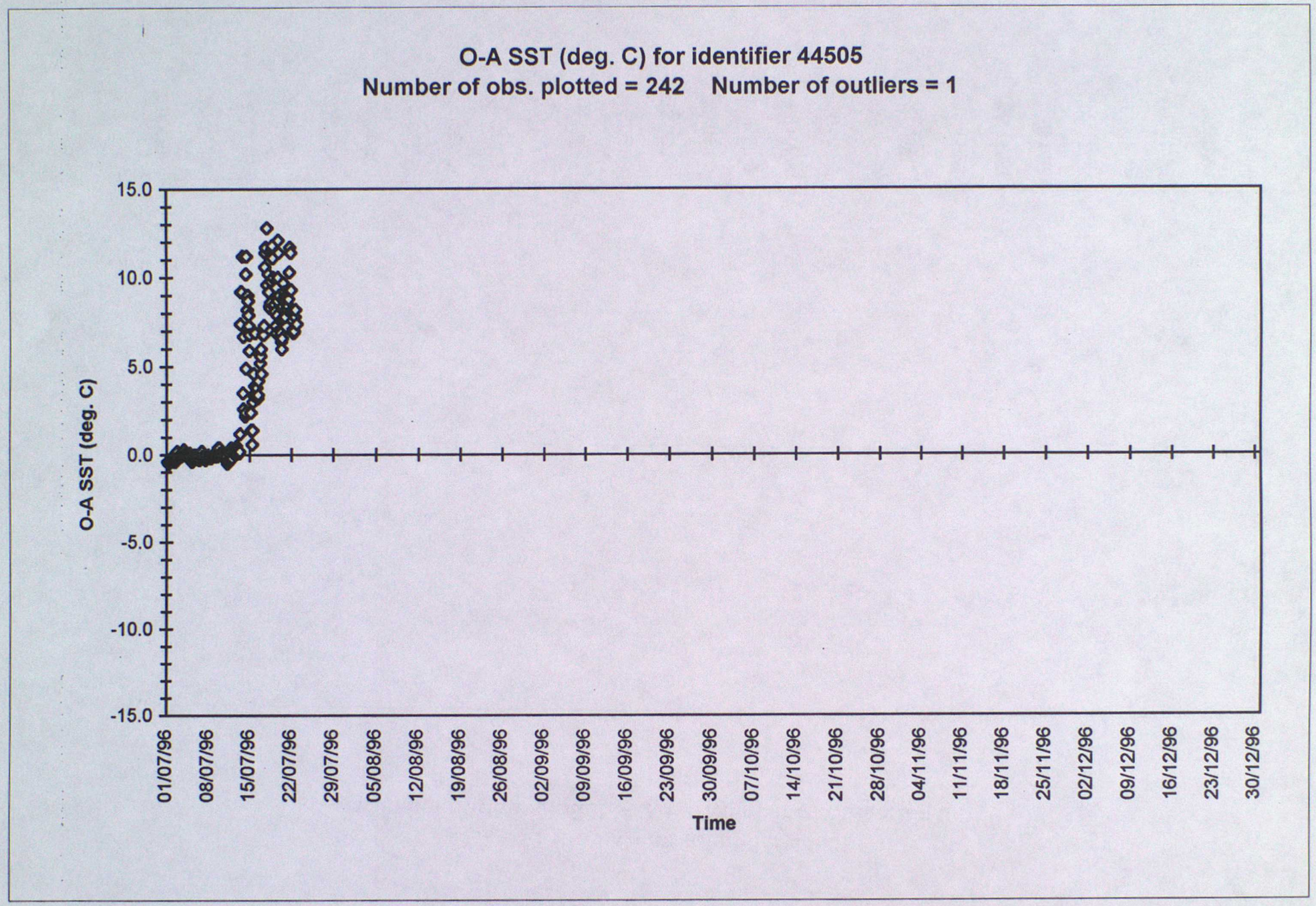

O-A SST (deg. C) for identifier 23913
Number of obs. plotted = 163 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

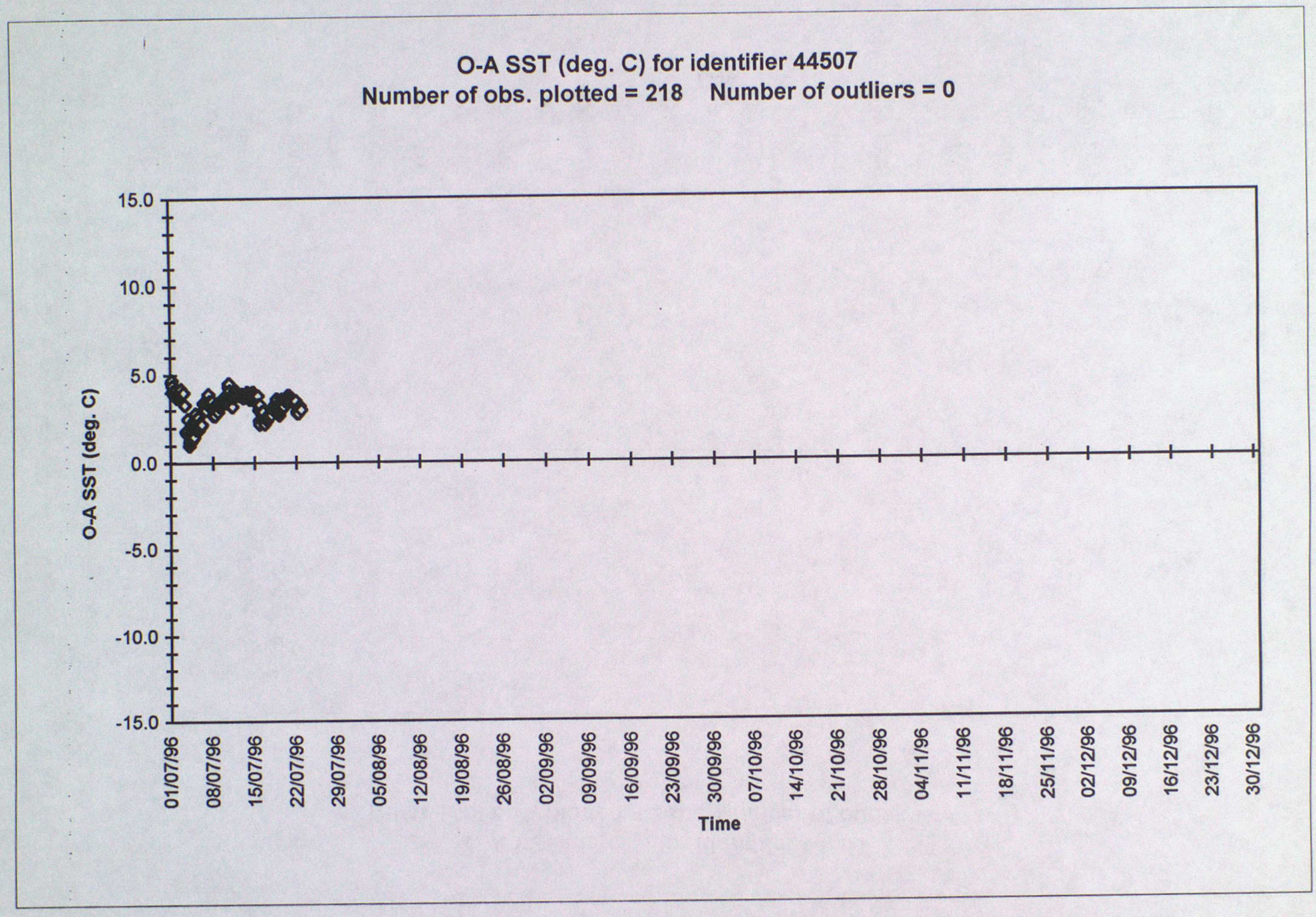

O-A SST (deg. C) for identifier 33576
Number of obs. plotted = 107 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

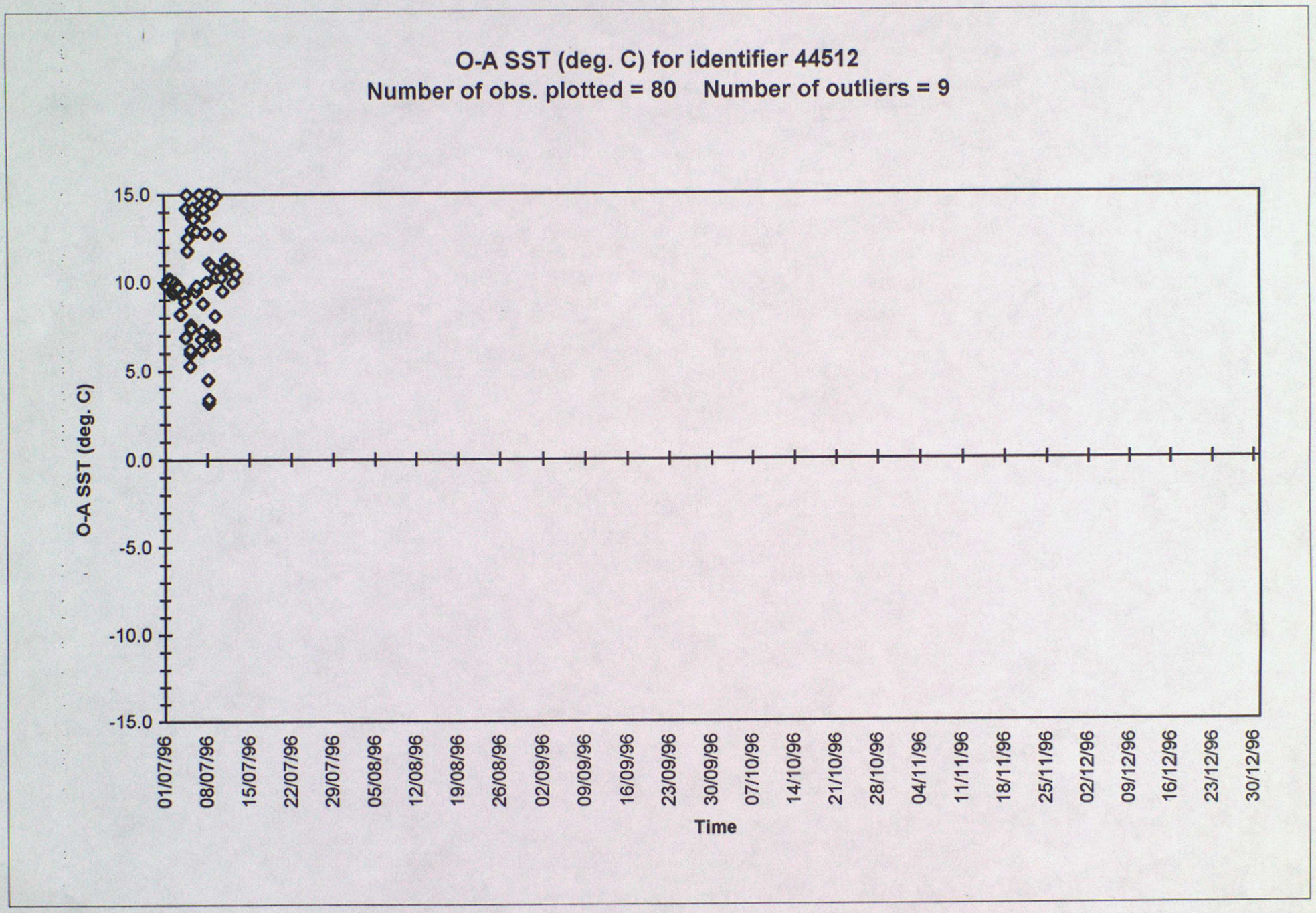

O-A SST (deg. C) for identifier 41918
Number of obs. plotted = 80 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

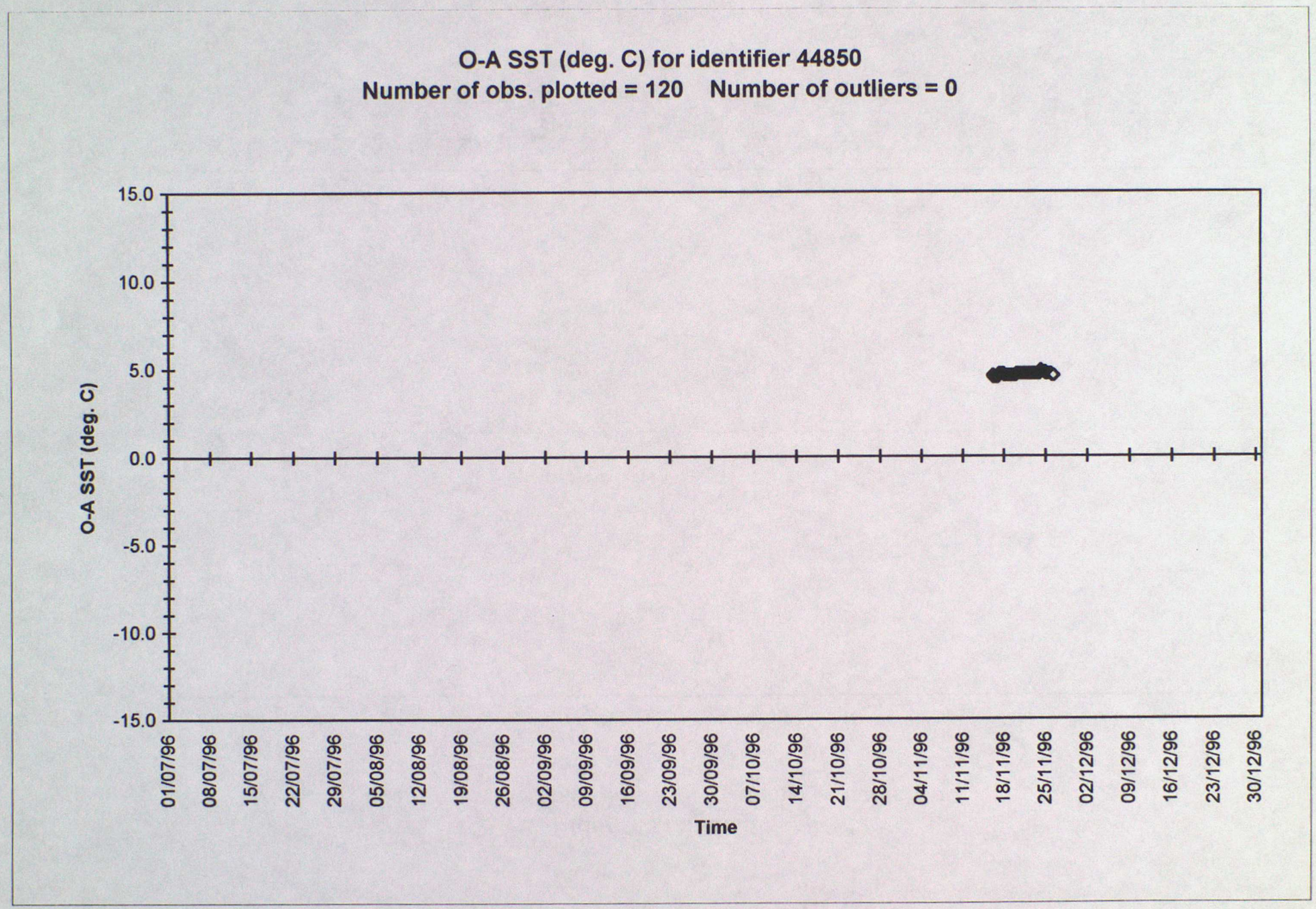

O-A SST (deg. C) for identifier 43903
Number of obs. plotted = 42 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

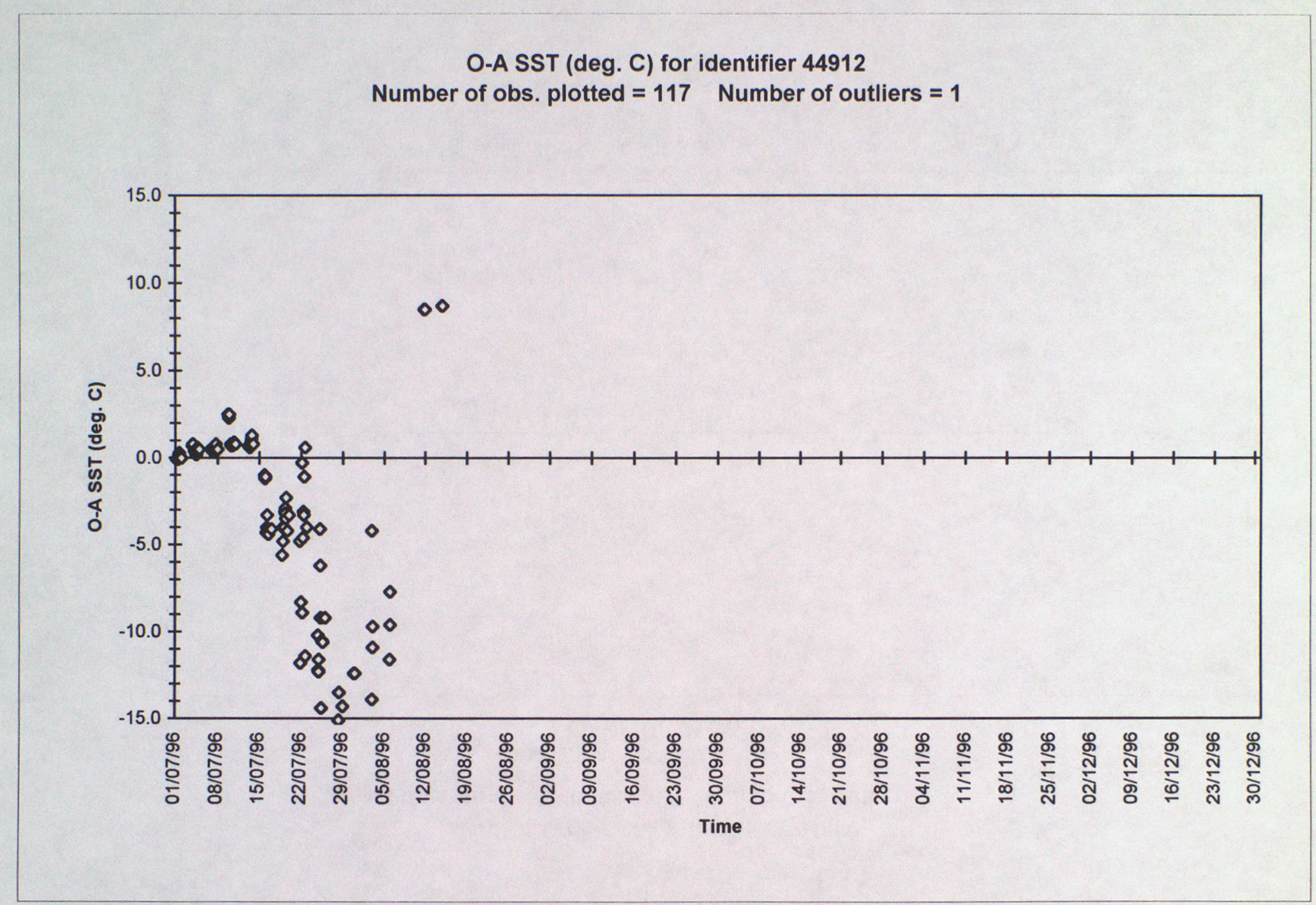

O-A SST (deg. C) for identifier 44501
Number of obs. plotted = 209 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

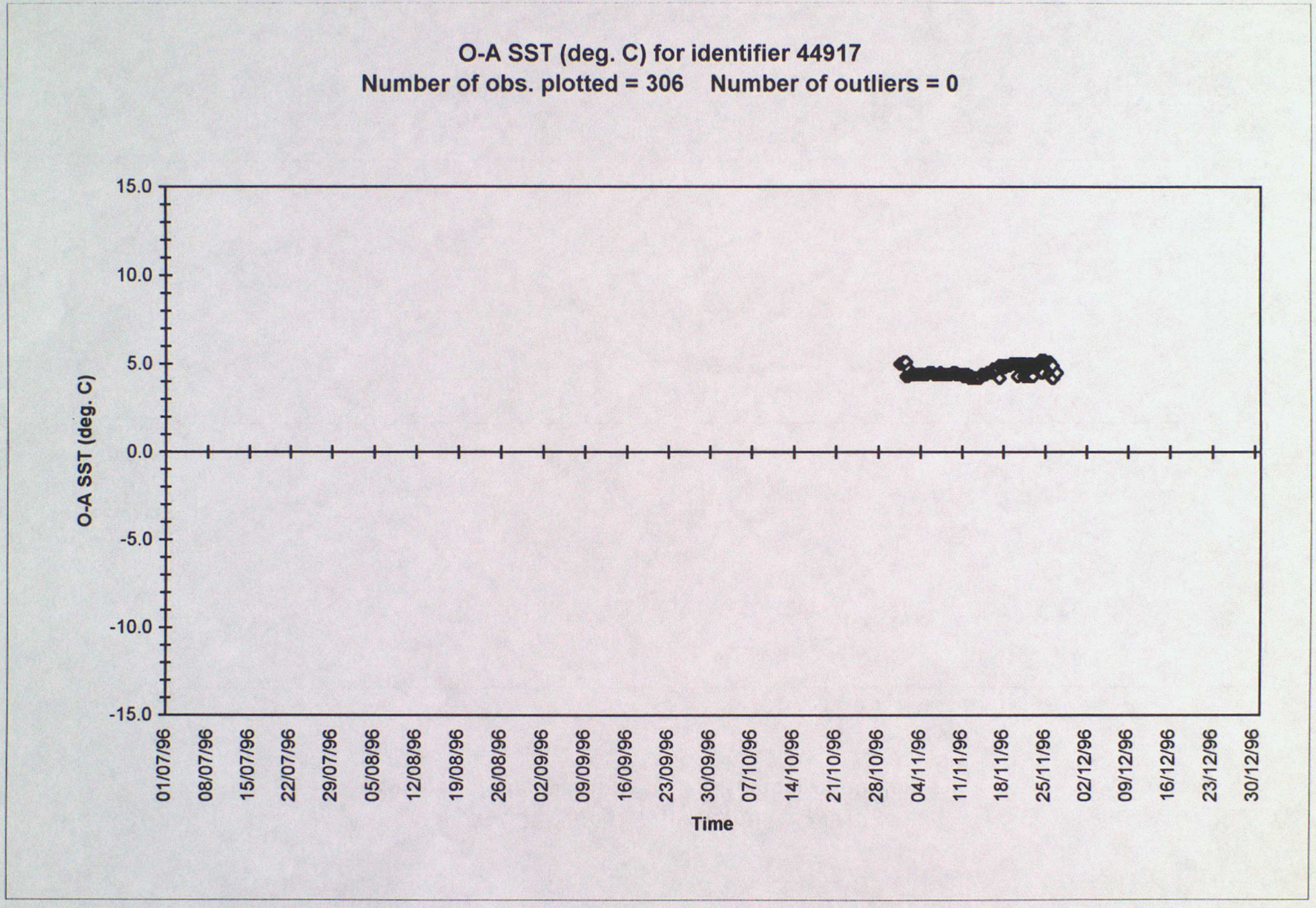

O-A SST (deg. C) for identifier 44505
Number of obs. plotted = 242 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

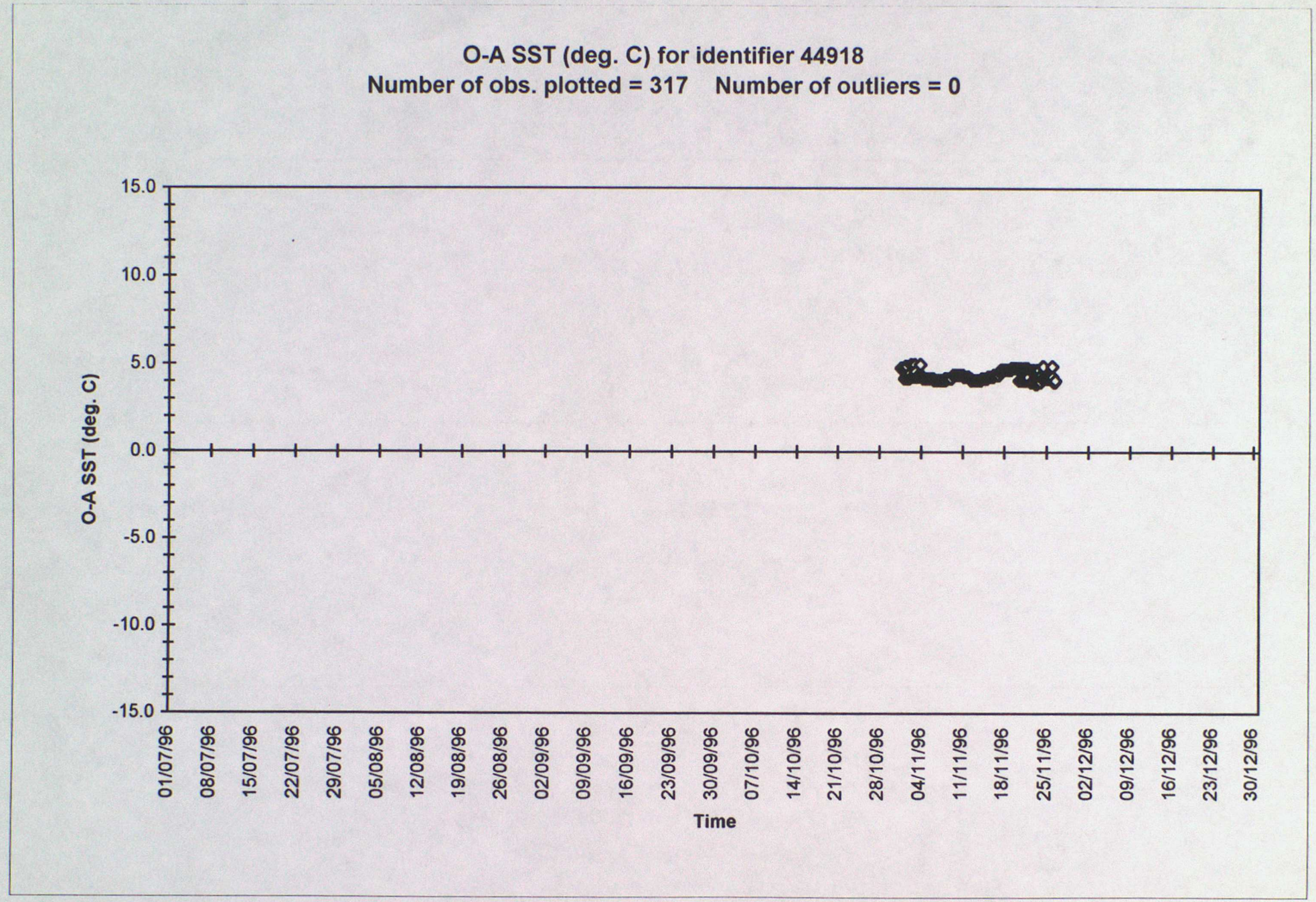

O-A SST (deg. C) for identifier 44507
Number of obs. plotted = 218 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

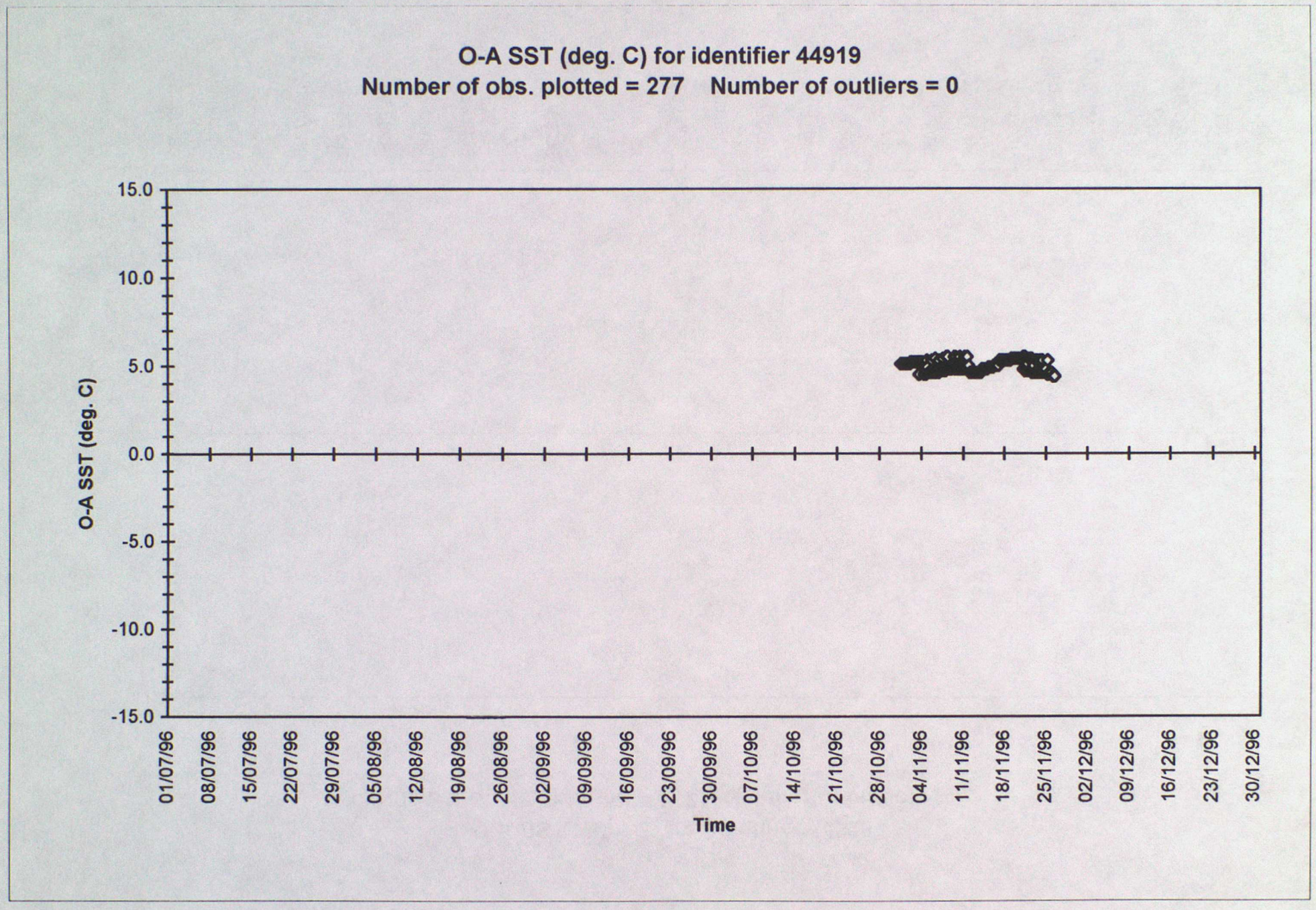

O-A SST (deg. C) for identifier 44512
Number of obs. plotted = 80 Number of outliers = 9
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

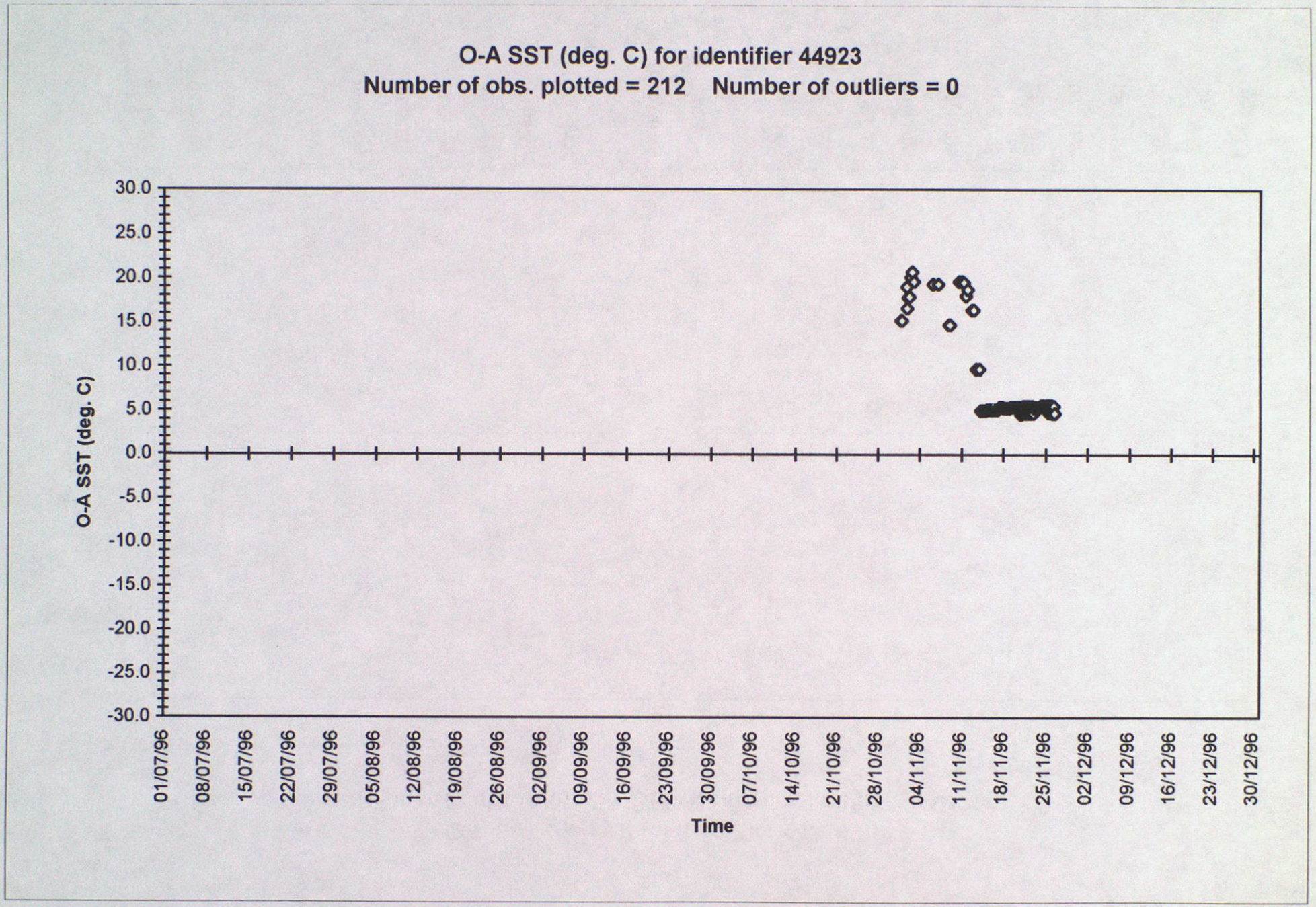

O-A SST (deg. C) for identifier 44850
Number of obs. plotted = 120 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

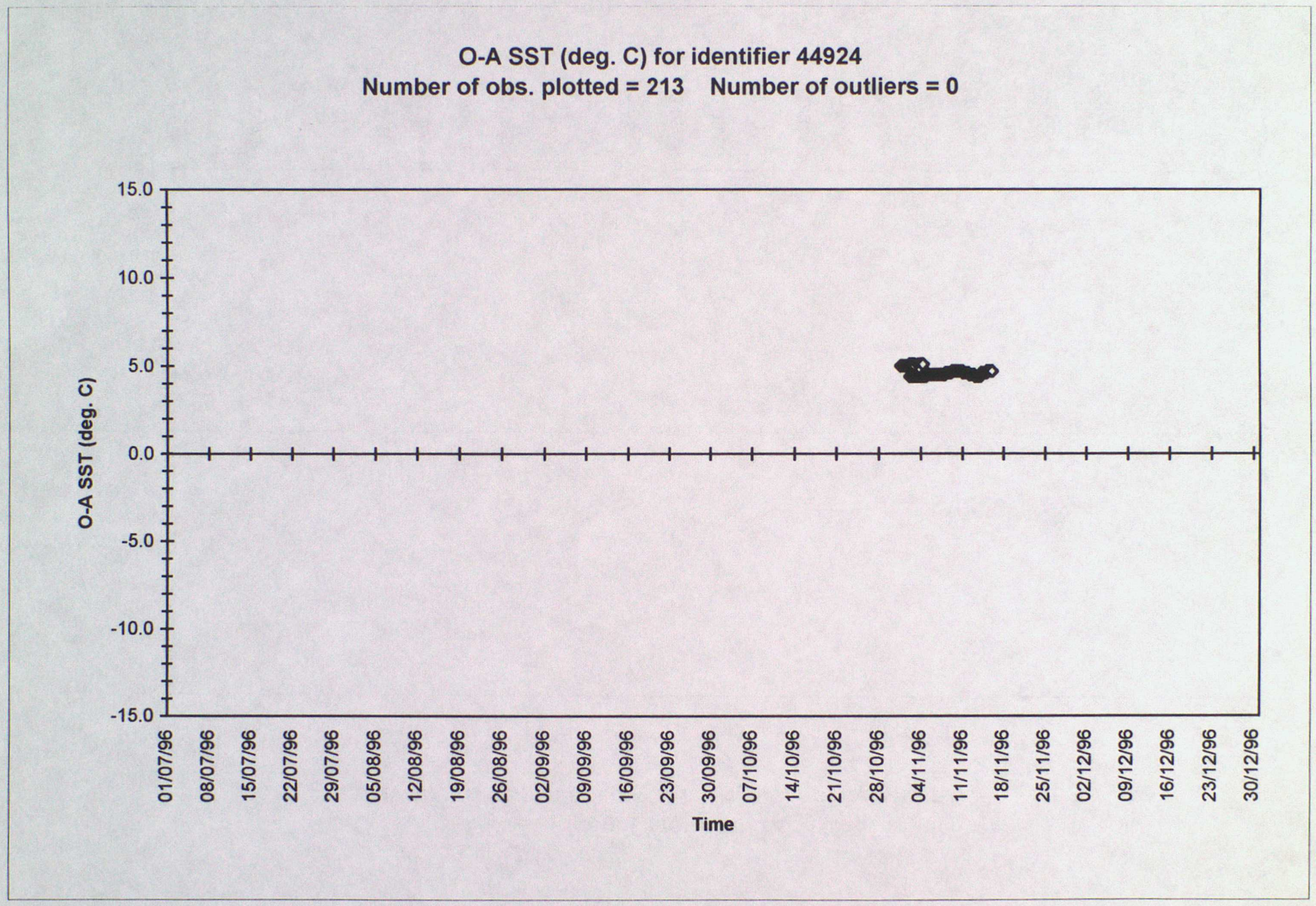

O-A SST (deg. C) for identifier 44912
Number of obs. plotted = 117 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

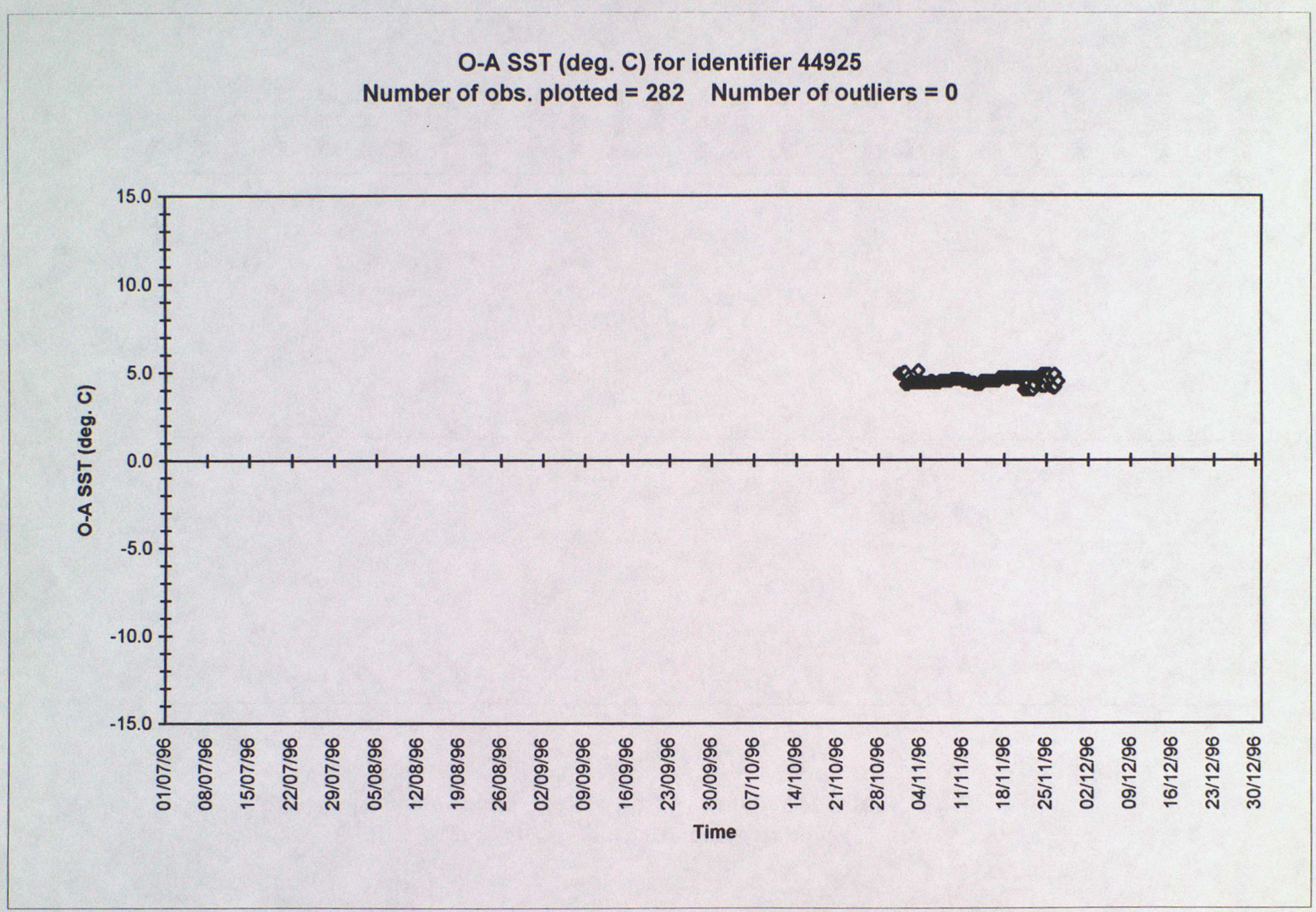

O-A SST (deg. C) for identifier 44917
Number of obs. plotted = 306 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

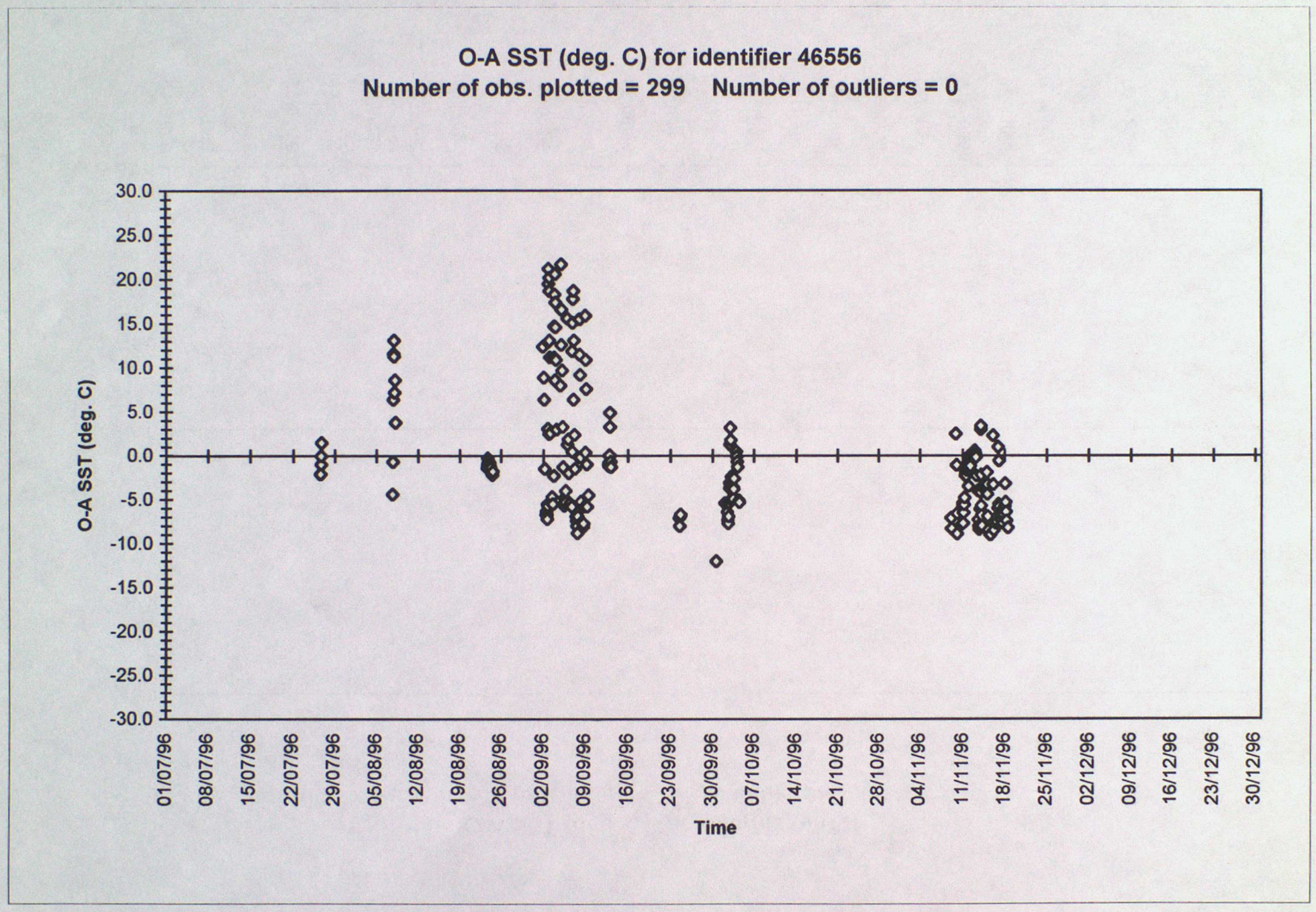

O-A SST (deg. C) for identifier 44918
Number of obs. plotted = 317 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

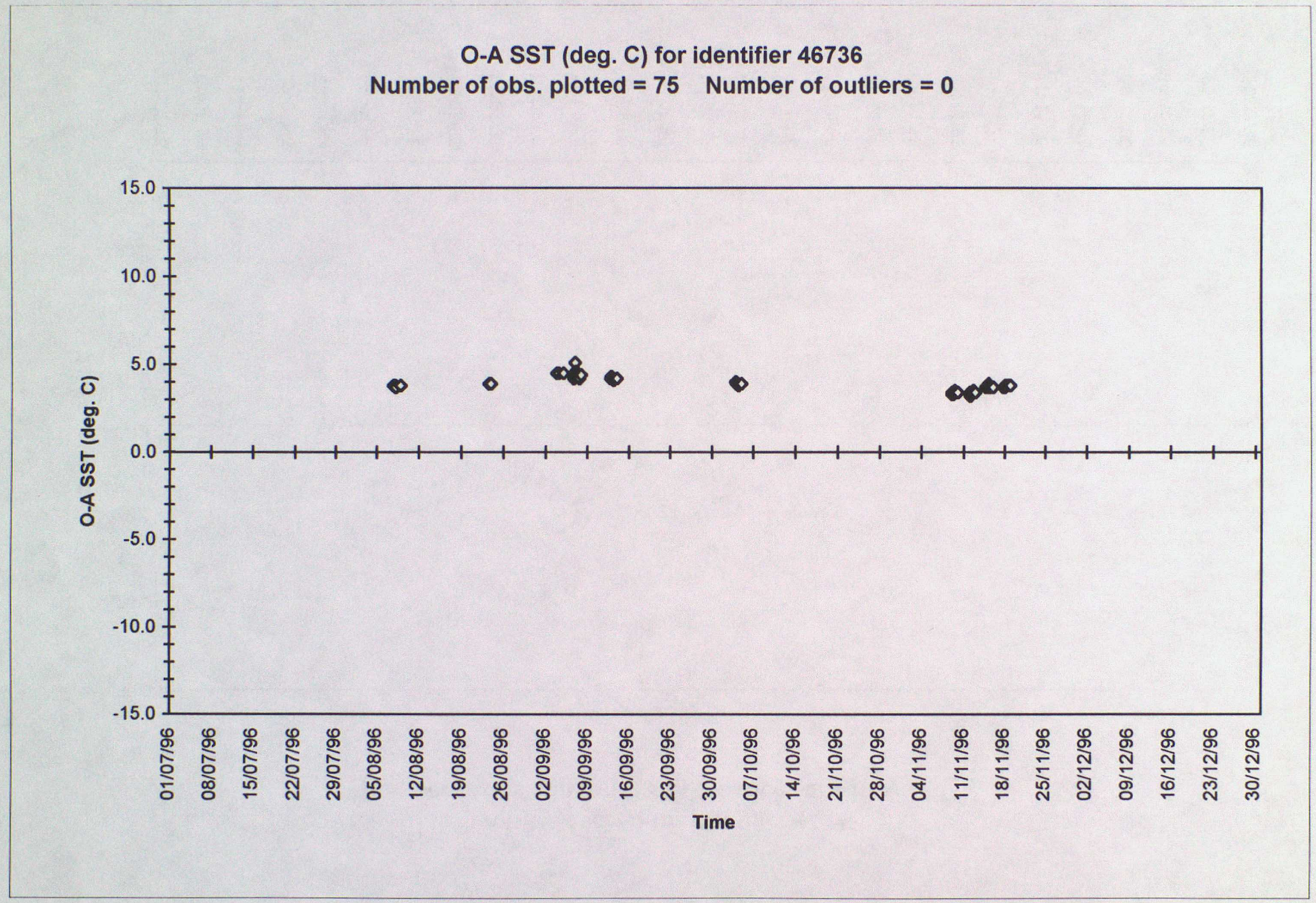

O-A SST (deg. C) for identifier 44919
Number of obs. plotted = 277 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

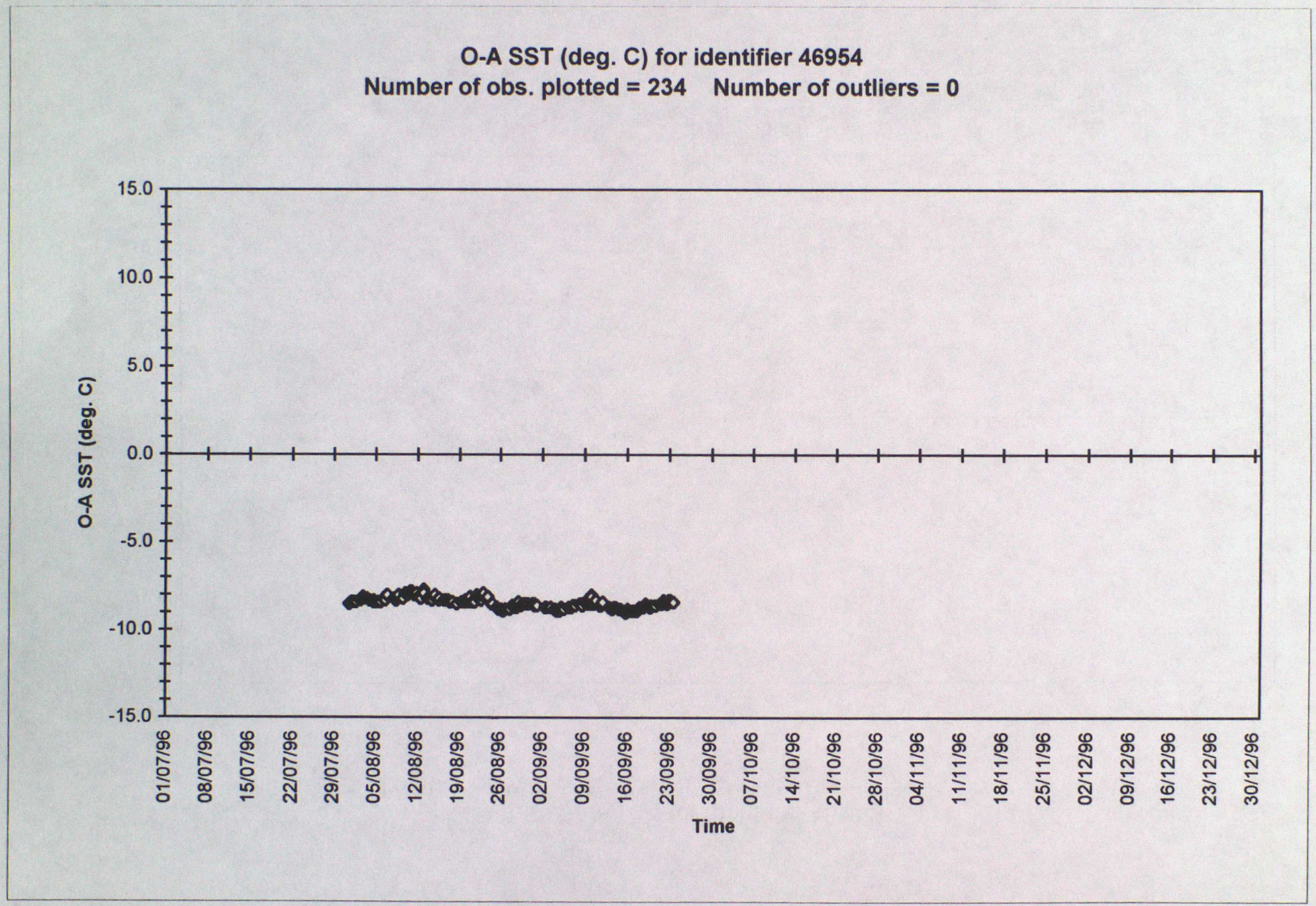

O-A SST (deg. C) for identifier 44923
Number of obs. plotted = 212 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

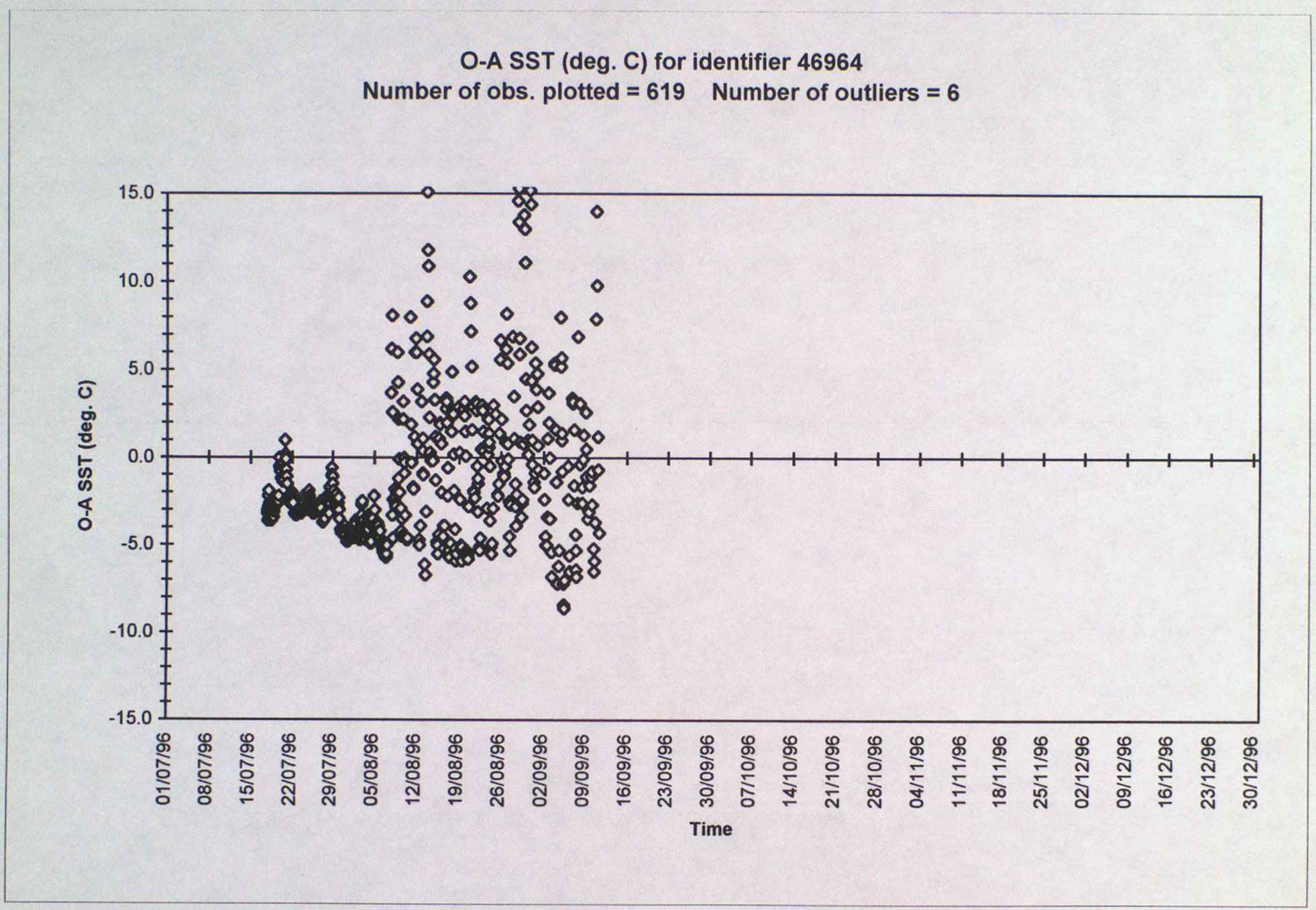

O-A SST (deg. C) for identifier 44924
Number of obs. plotted = 213 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 44925
Number of obs. plotted = 282 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 46556
Number of obs. plotted = 299 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 46736
Number of obs. plotted = 75 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 46954
Number of obs. plotted = 234 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 46964
Number of obs. plotted = 619 Number of outliers = 6
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
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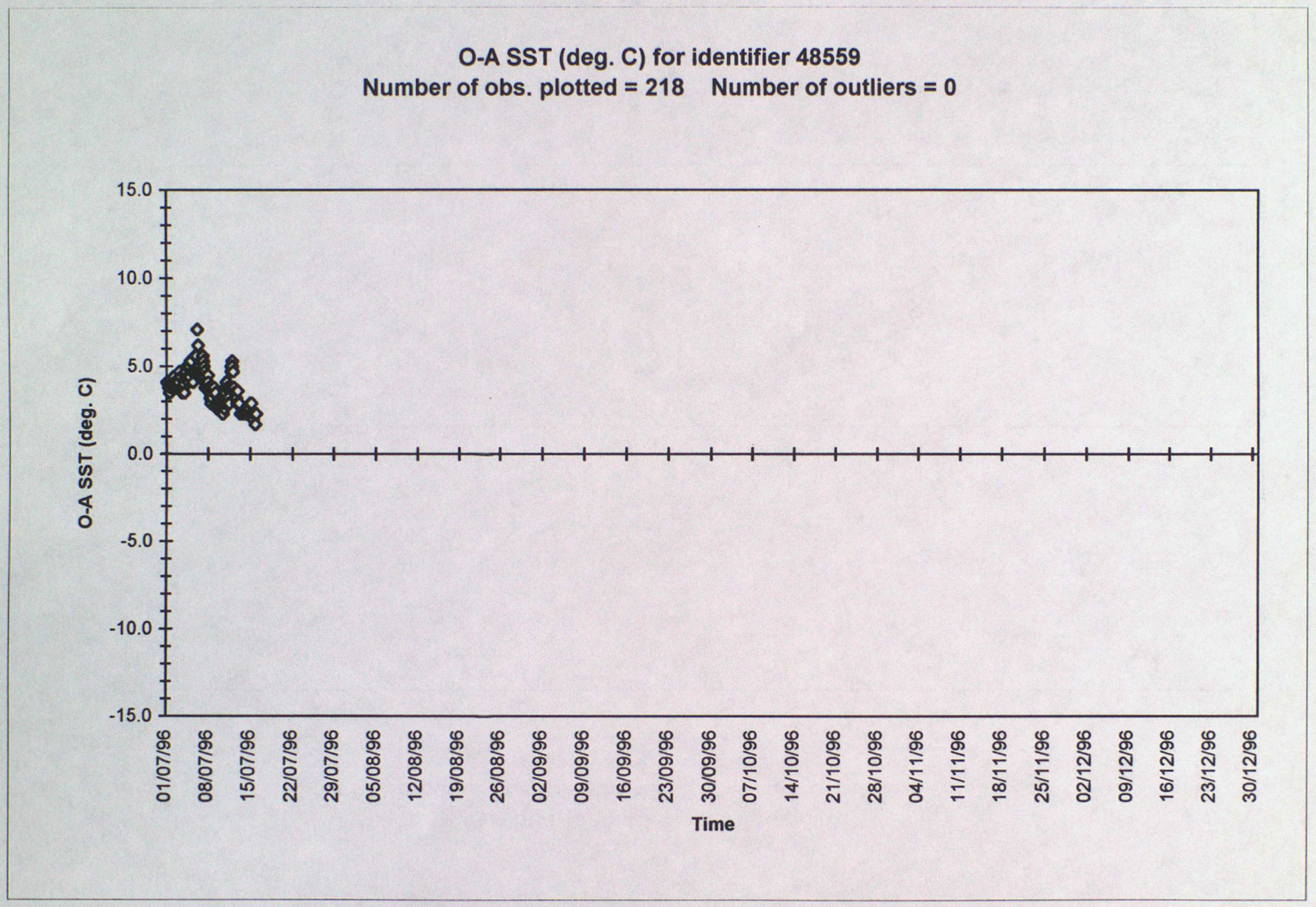
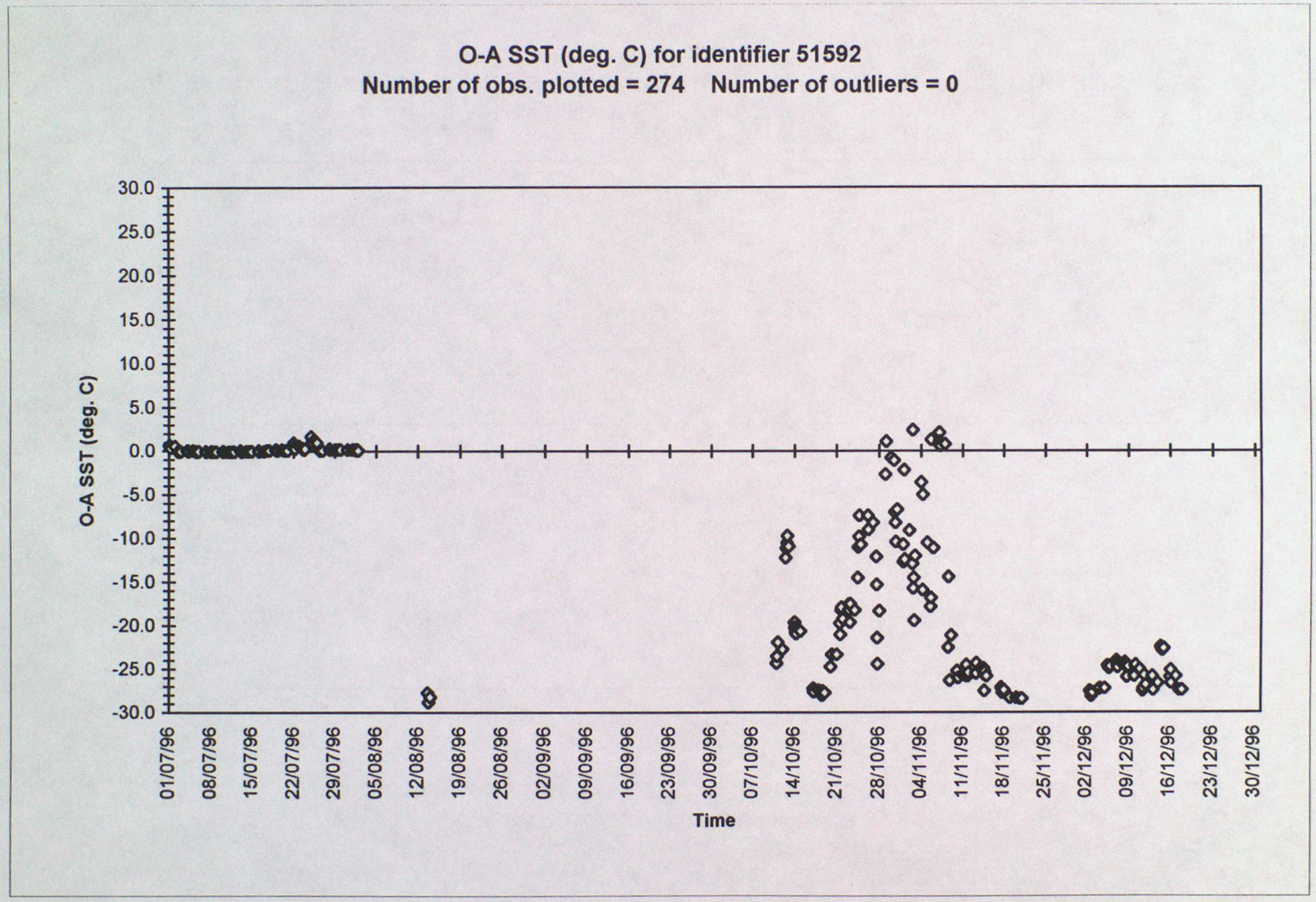
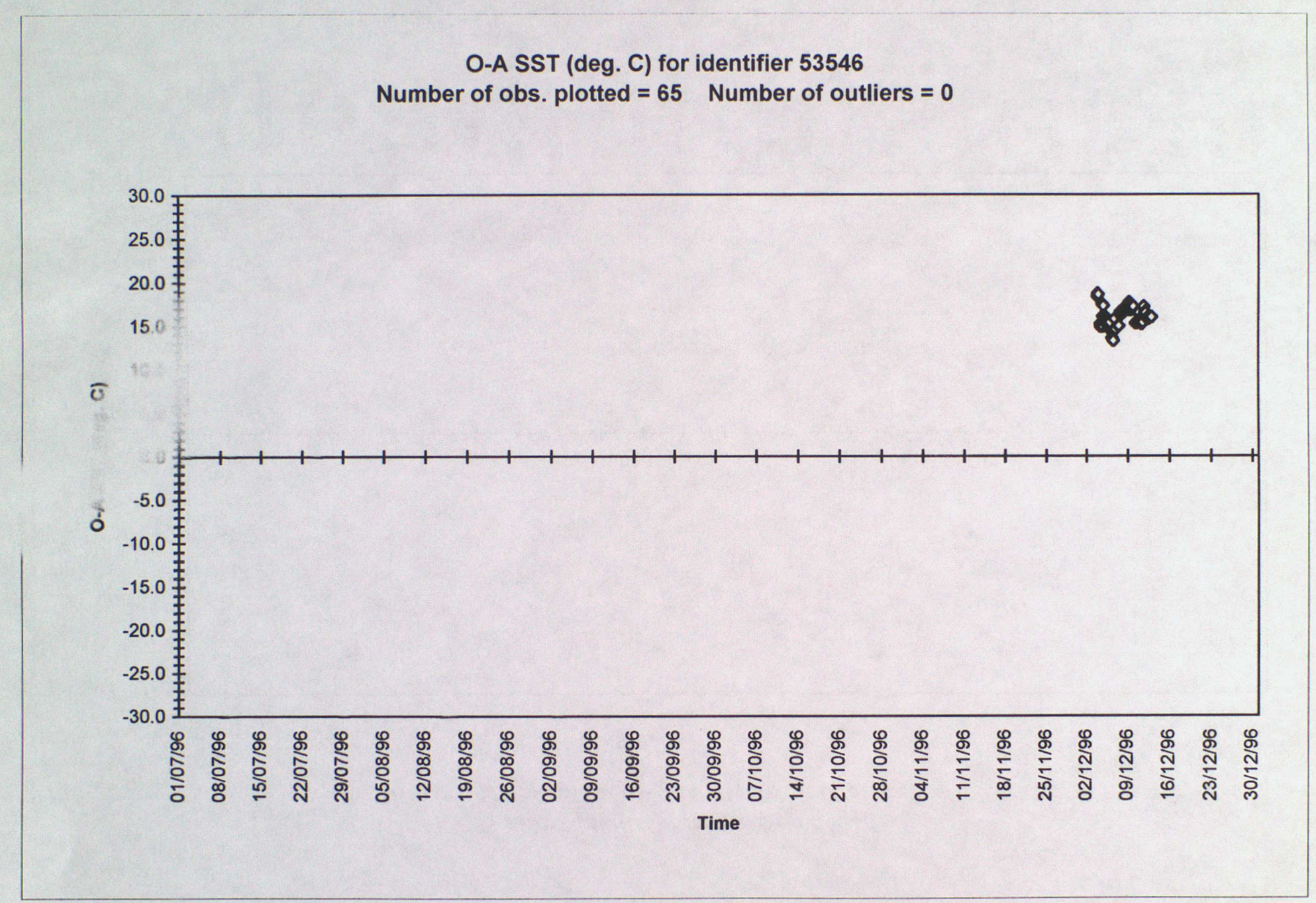
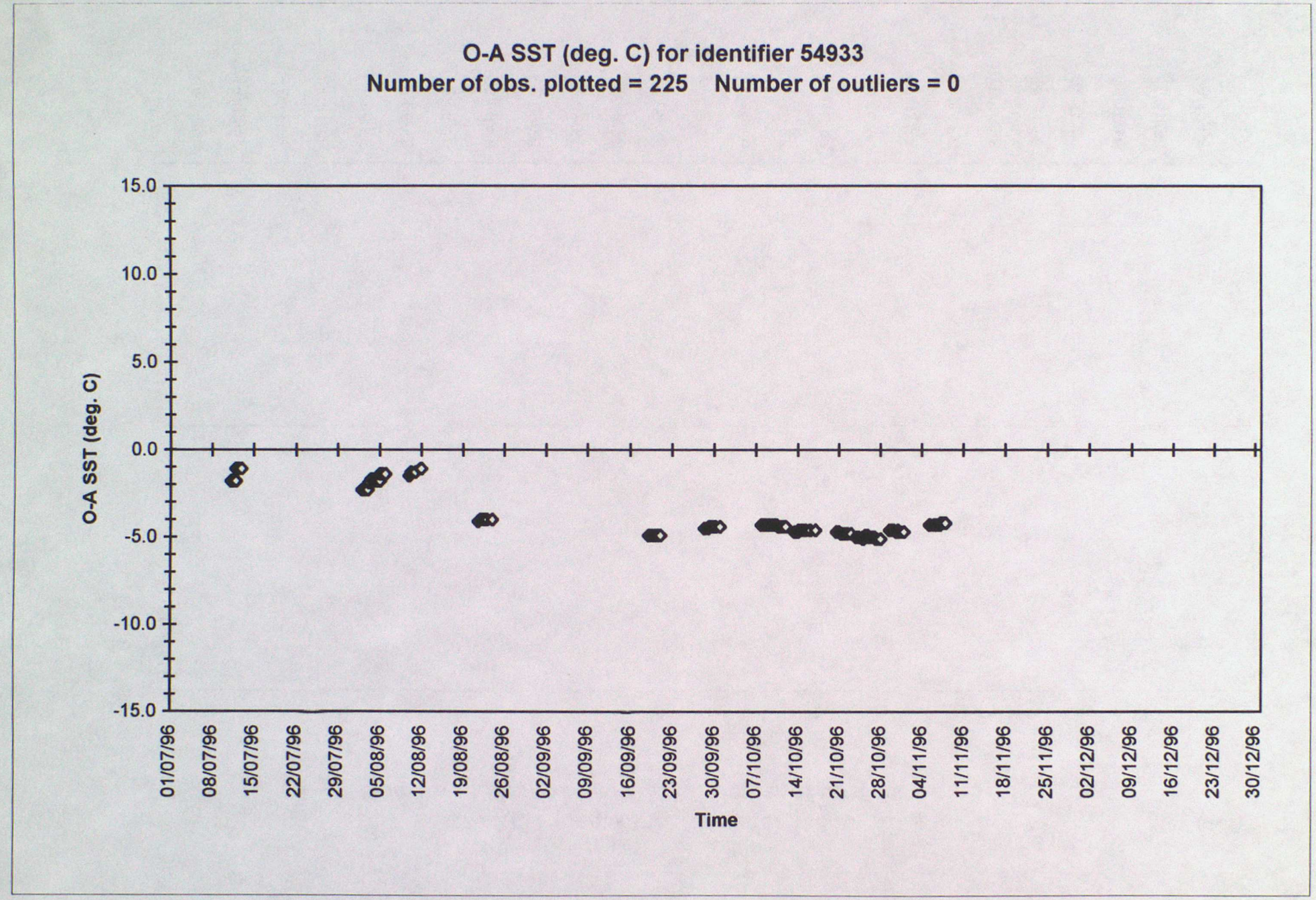
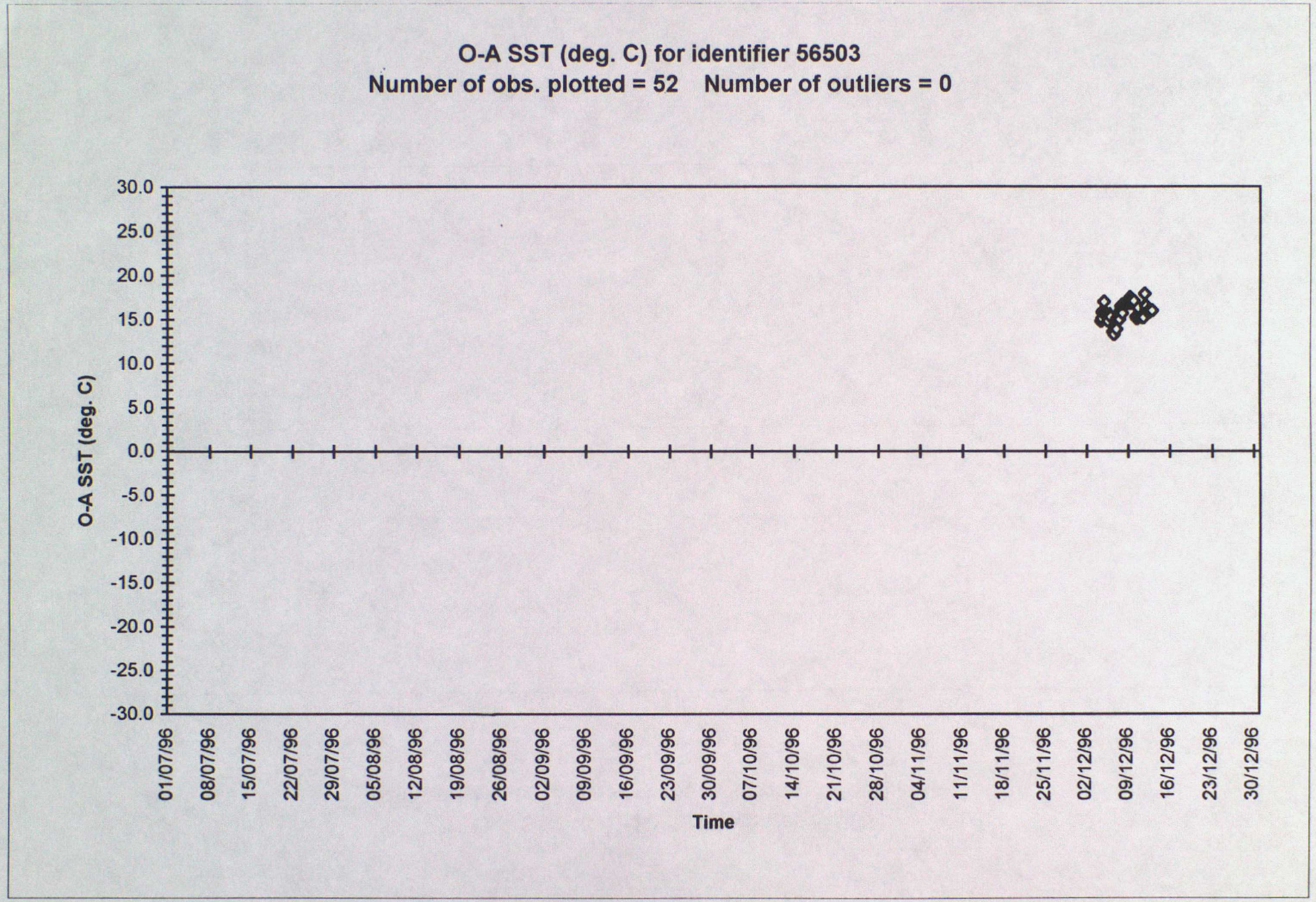
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

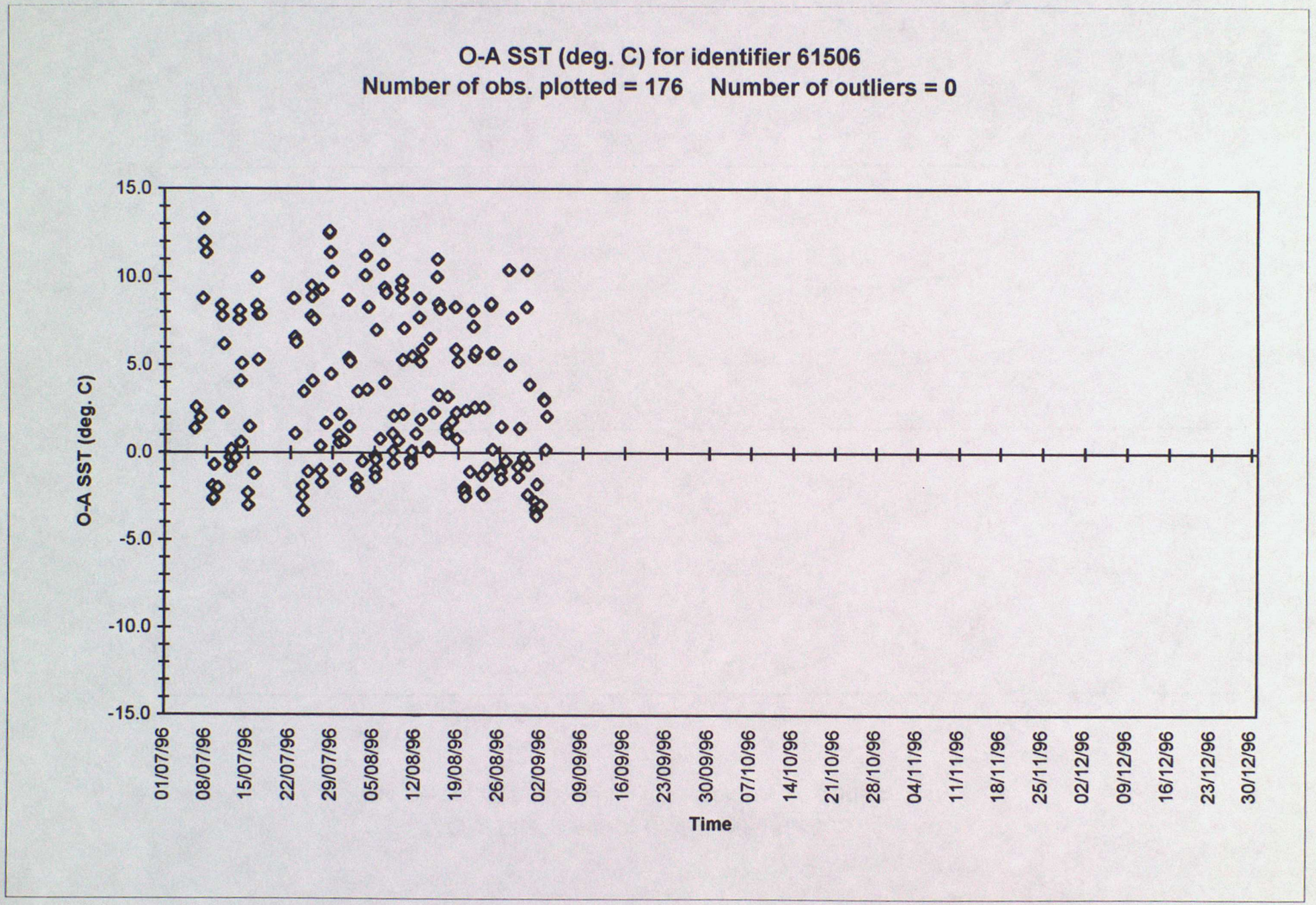

O-A SST (deg. C) for identifier 48559
Number of obs. plotted = 218 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

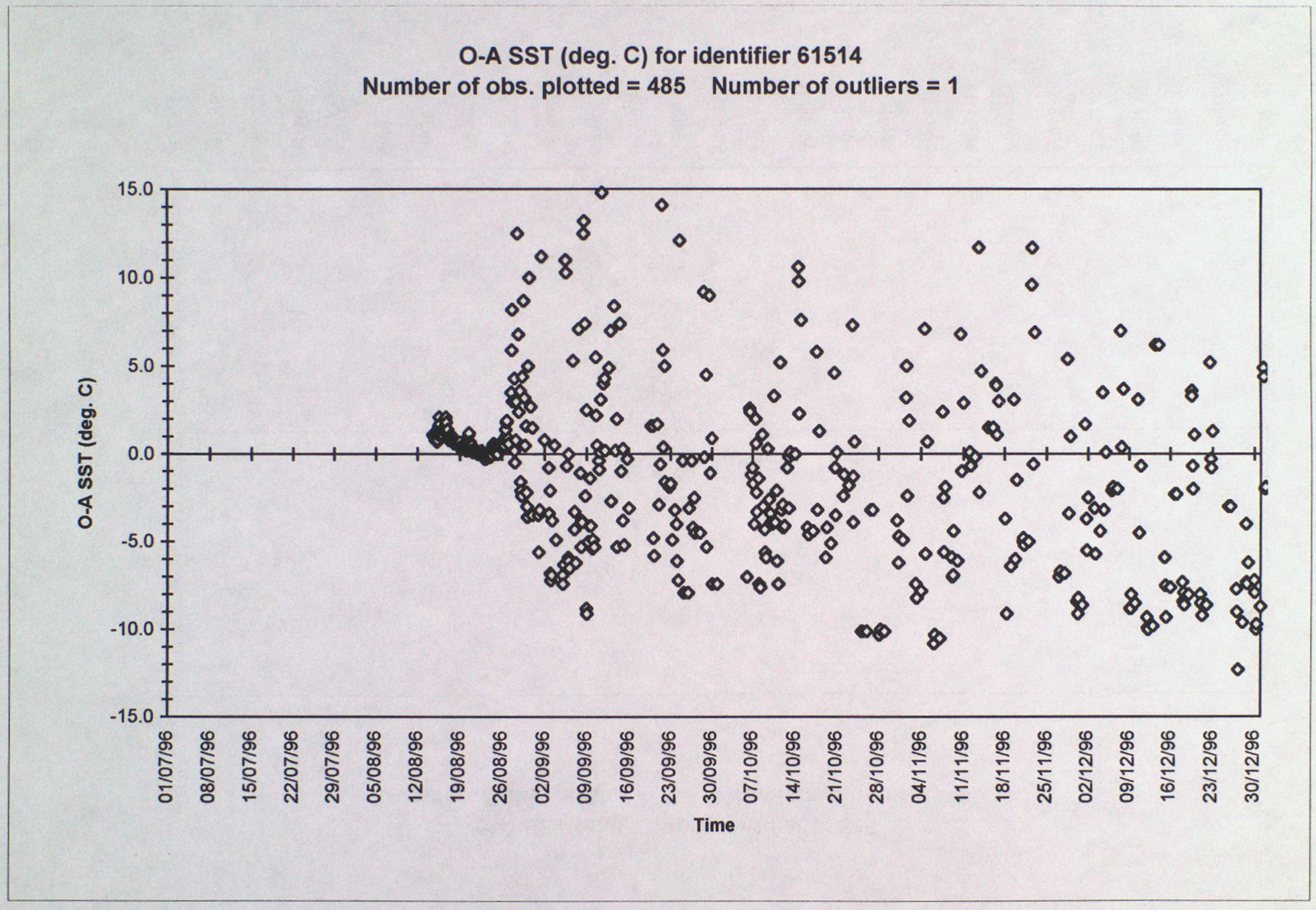

O-A SST (deg. C) for identifier 51592
Number of obs. plotted = 274 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

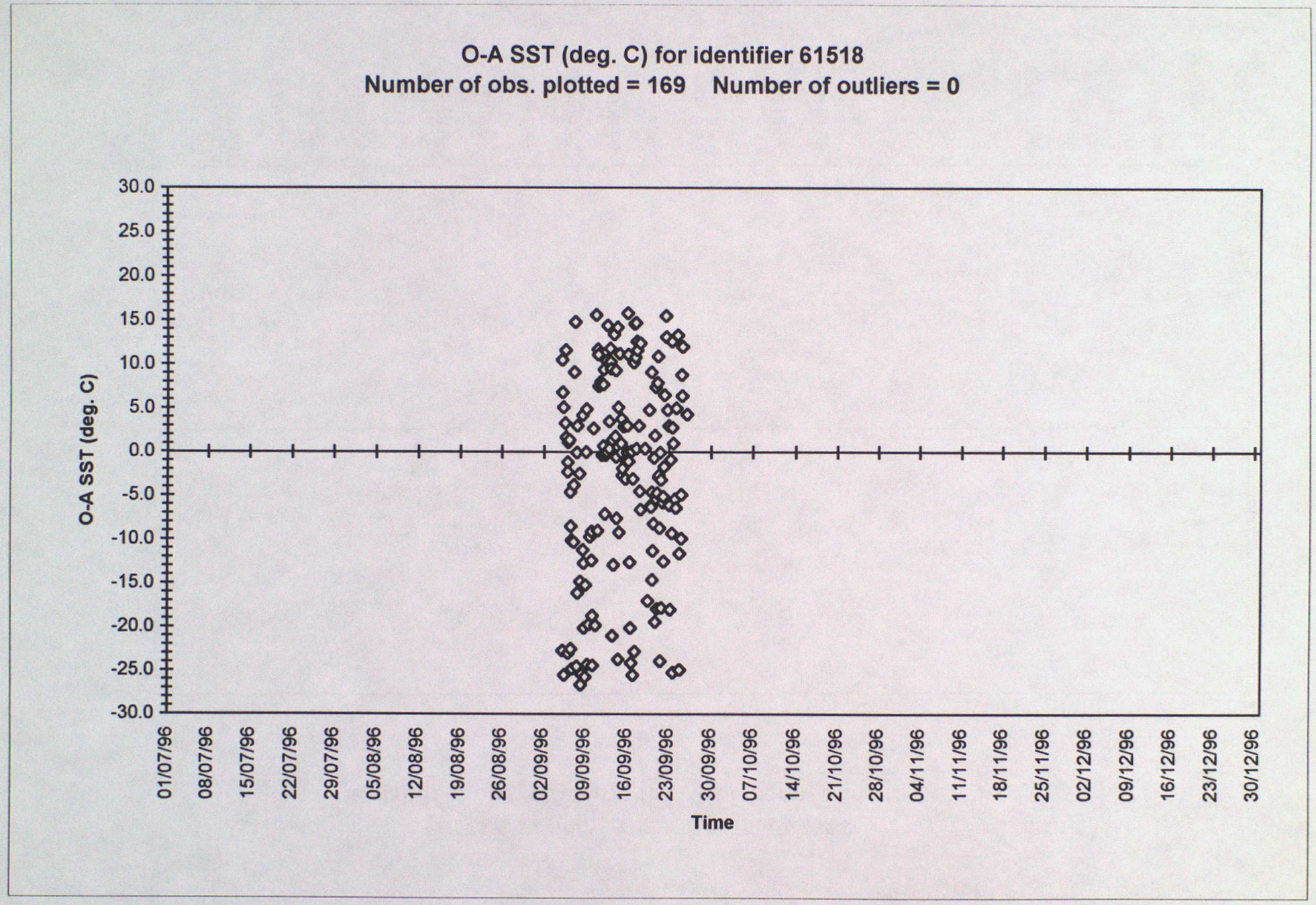

O-A SST (deg. C) for identifier 53546
Number of obs. plotted = 65 Number of outliers = 0
30.0
25.0
20.0
15.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

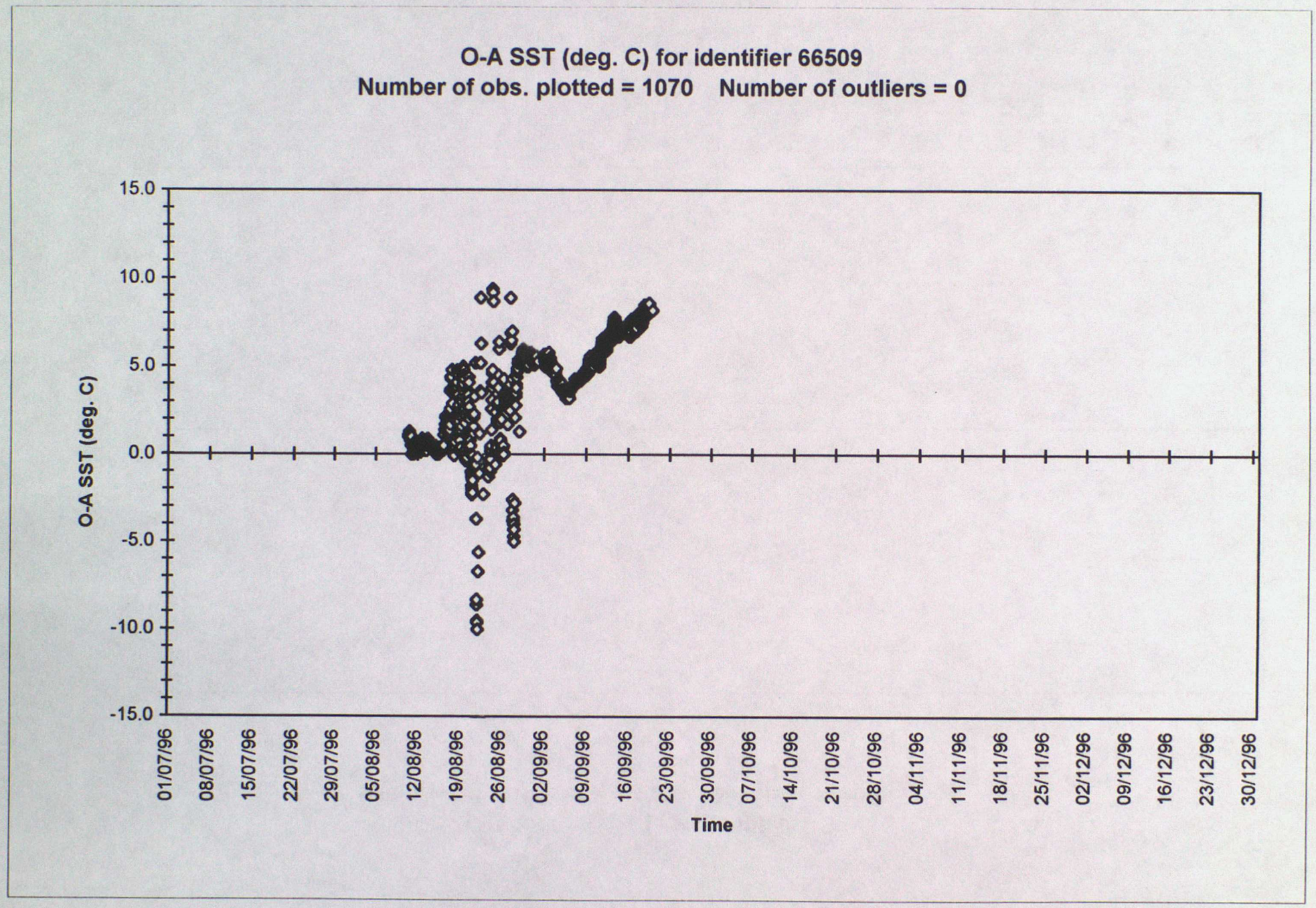

O-A SST (deg. C) for identifier 54933
Number of obs. plotted = 225 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

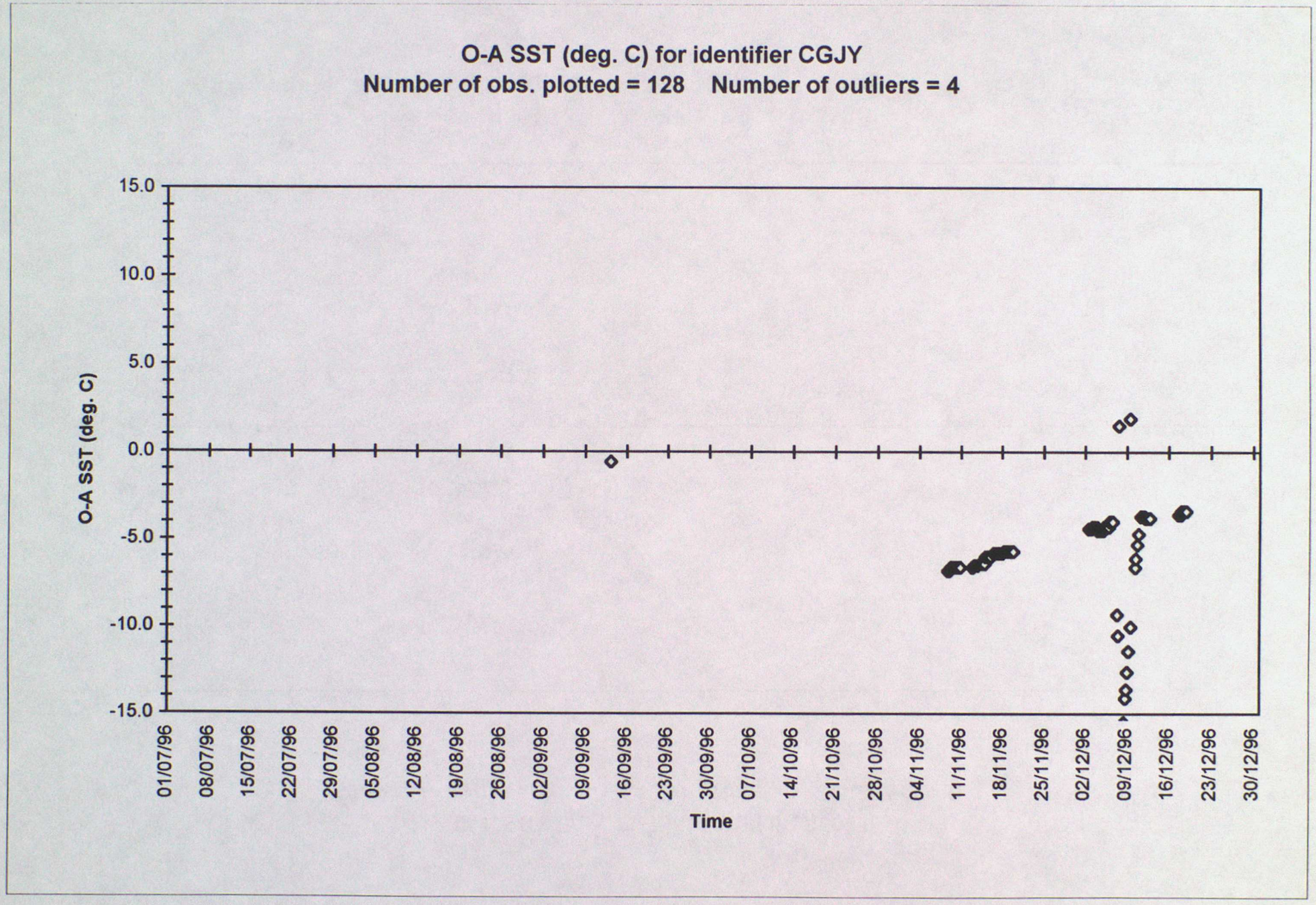

O-A SST (deg. C) for identifier 56503
Number of obs. plotted = 52 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

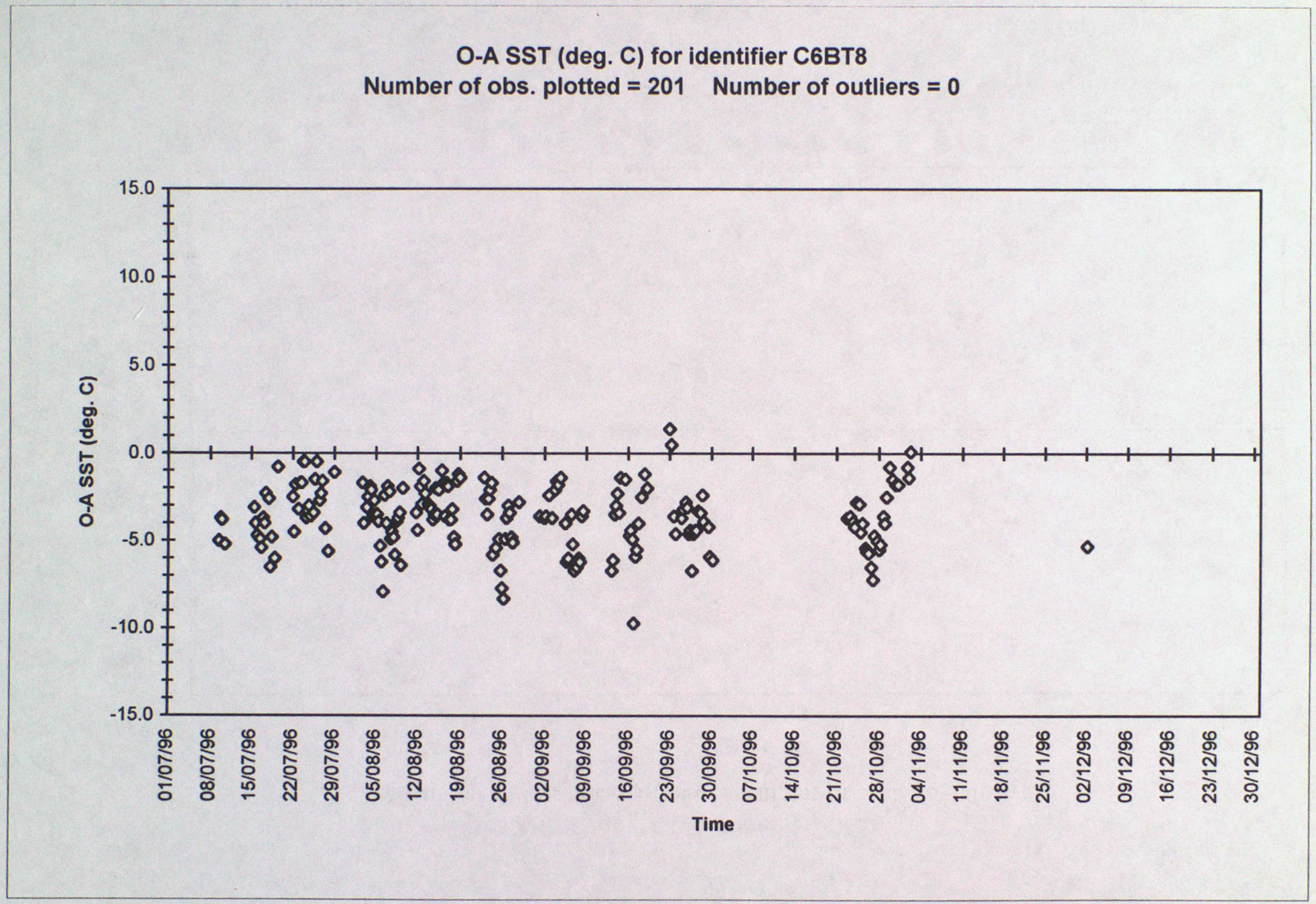

O-A SST (deg. C) for identifier 61506
Number of obs. plotted = 176 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

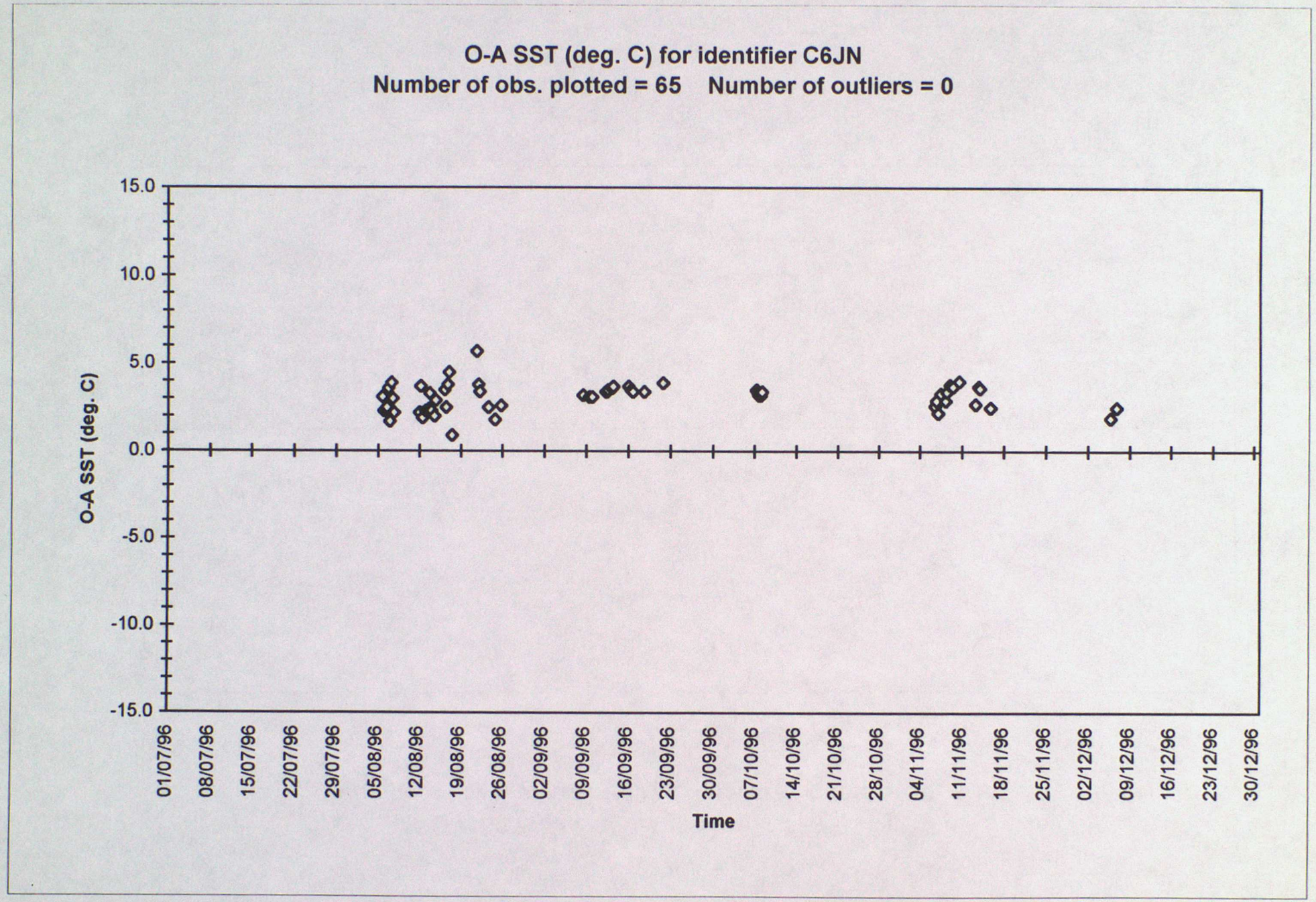

O-A SST (deg. C) for identifier 61514
Number of obs. plotted = 485 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

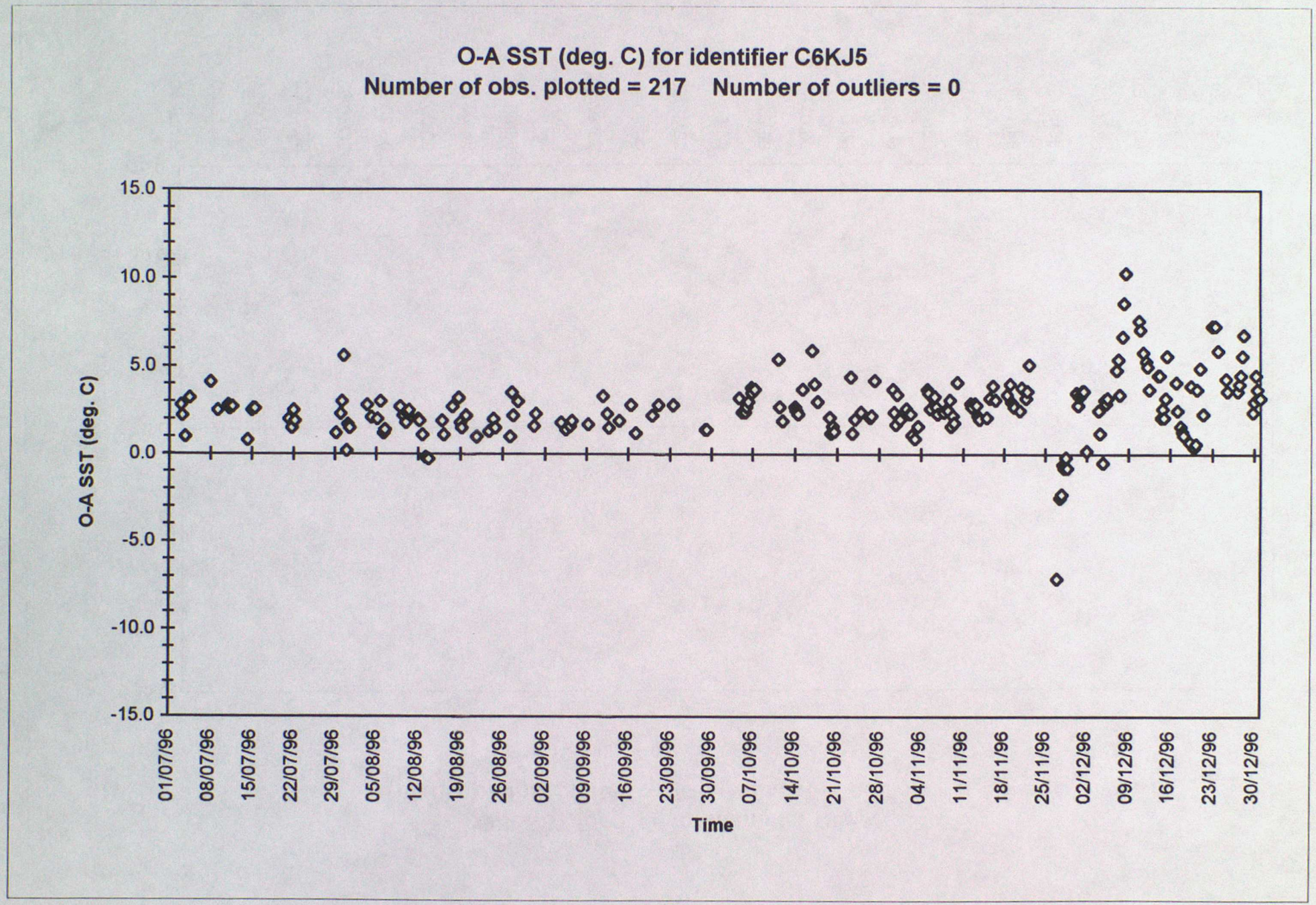

O-A SST (deg. C) for identifier 61518
Number of obs. plotted = 169 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

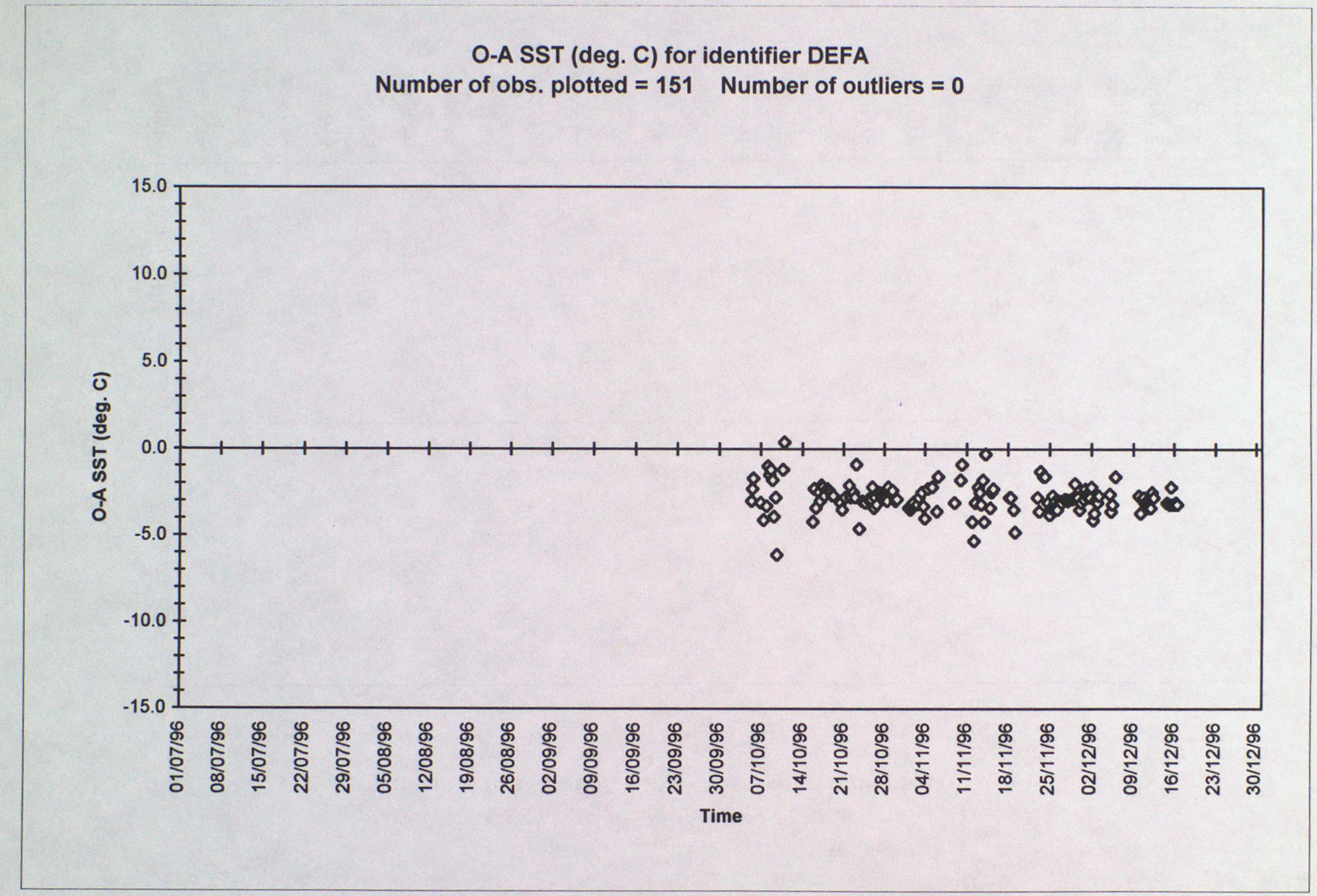

O-A SST (deg. C) for identifier 66509
Number of obs. plotted = 1070 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

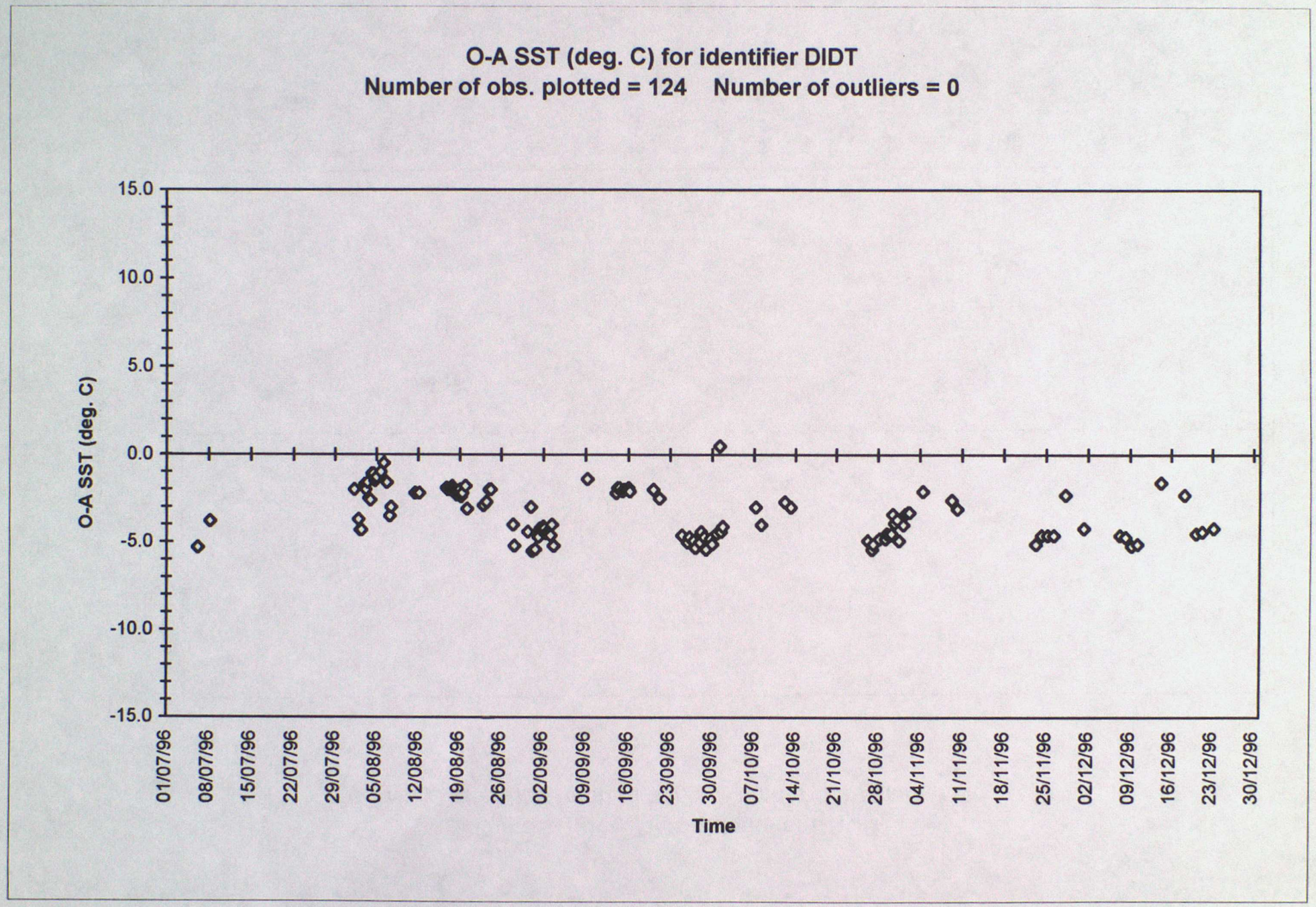

O-A SST (deg. C) for identifier CGJY
Number of obs. plotted = 128 Number of outliers = 4
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

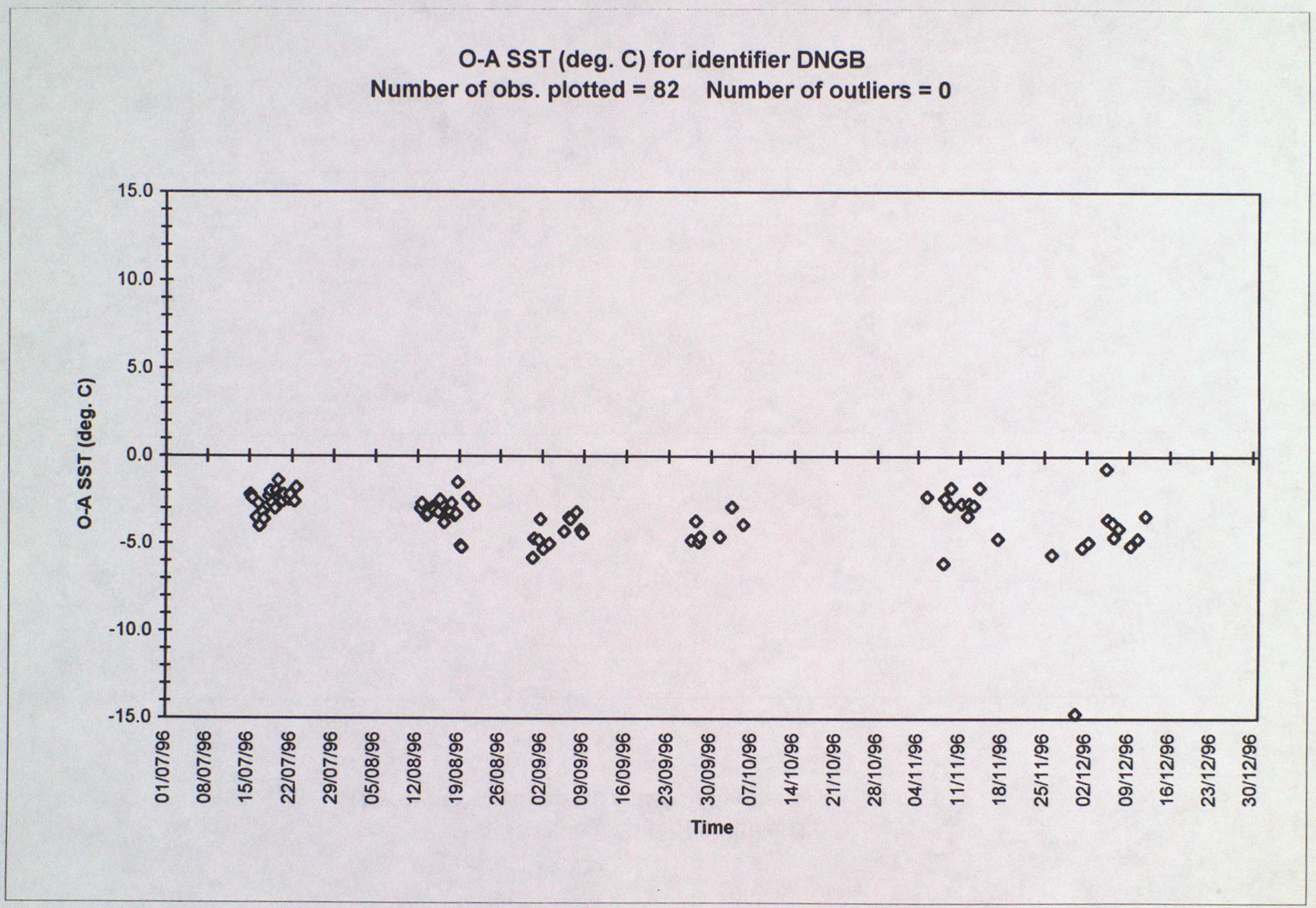

O-A SST (deg. C) for identifier C6BT8
Number of obs. plotted = 201 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

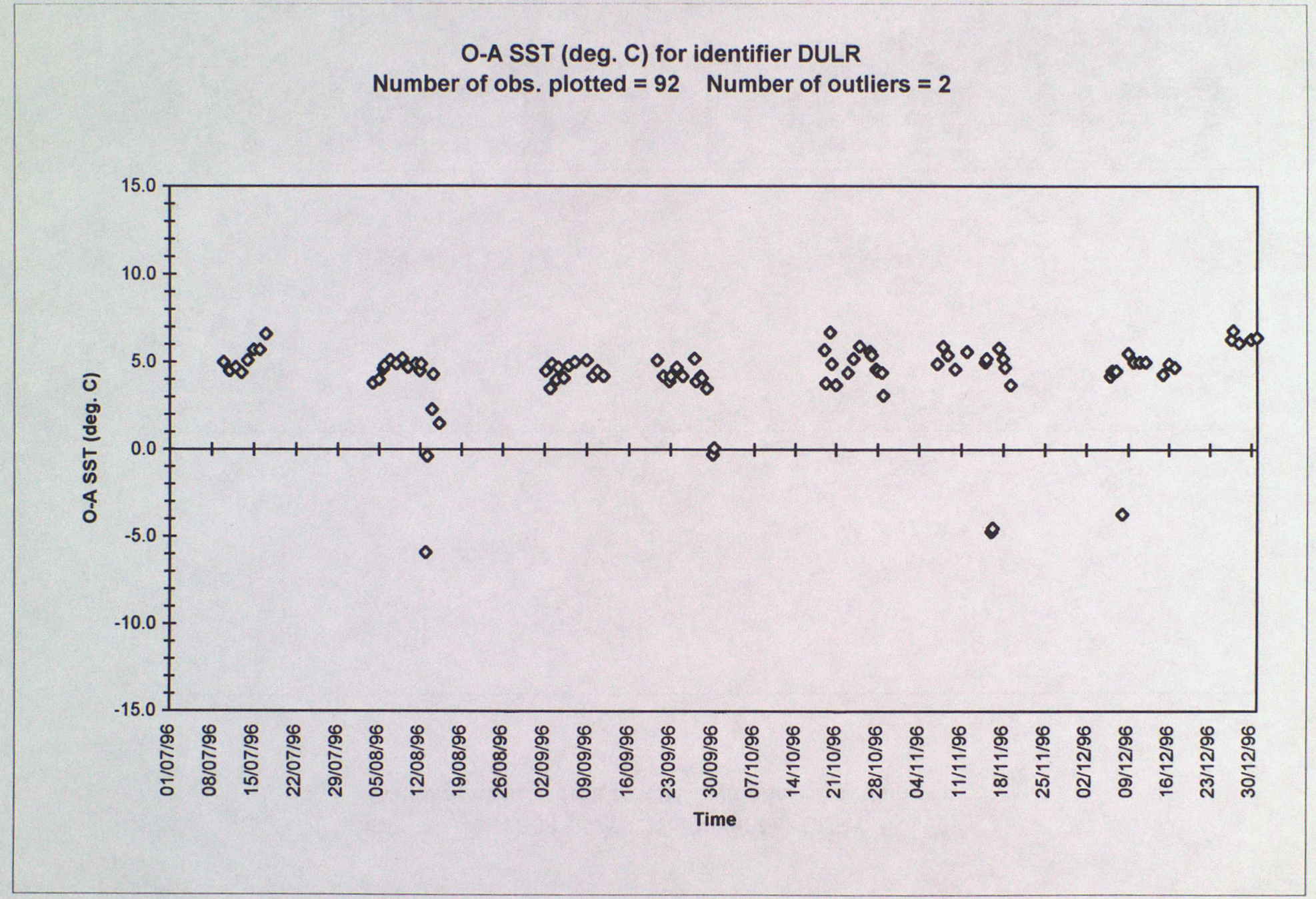

O-A SST (deg. C) for identifier C6JN
Number of obs. plotted = 65 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

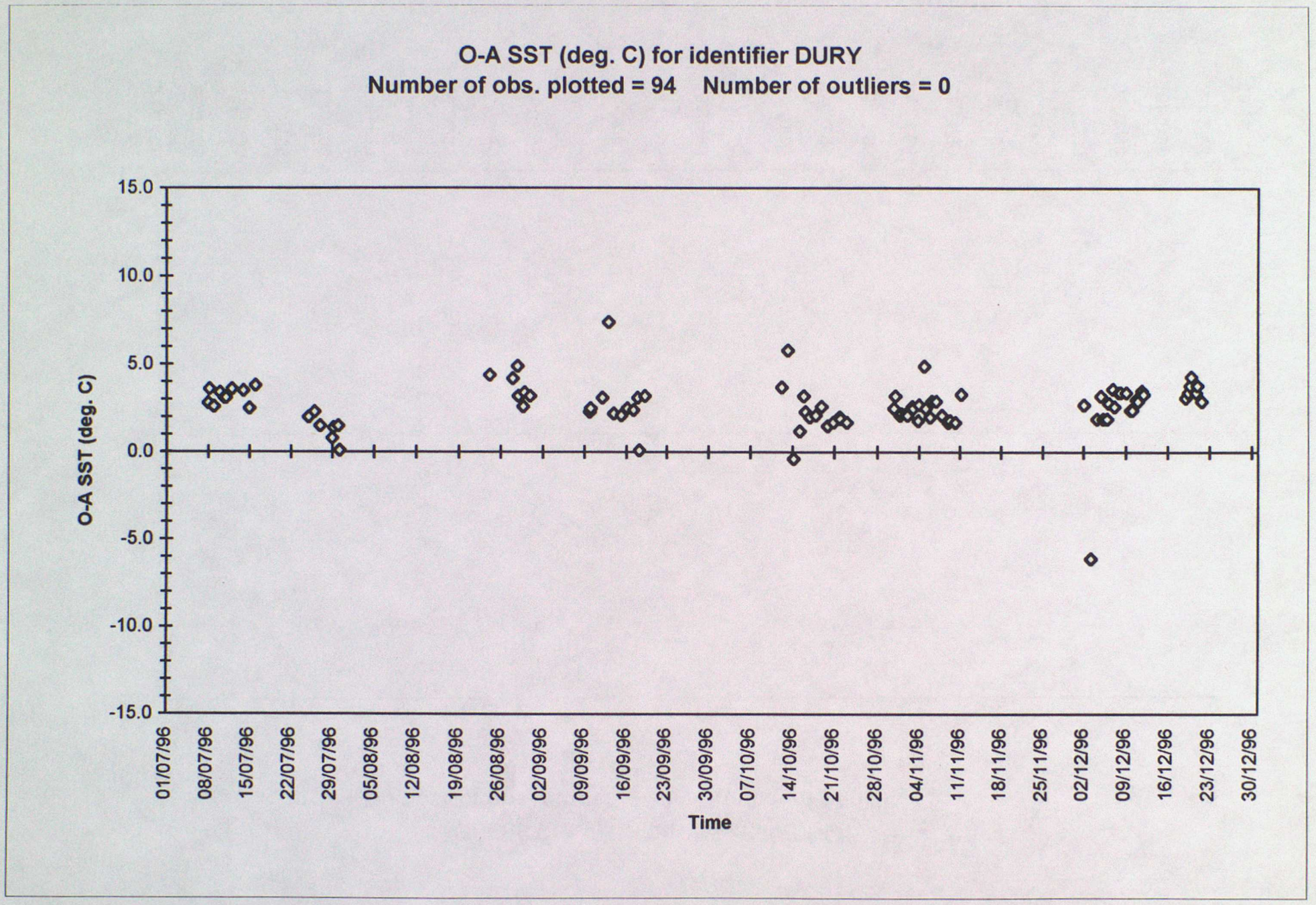

O-A SST (deg. C) for identifier C6KJ5
Number of obs. plotted = 217 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

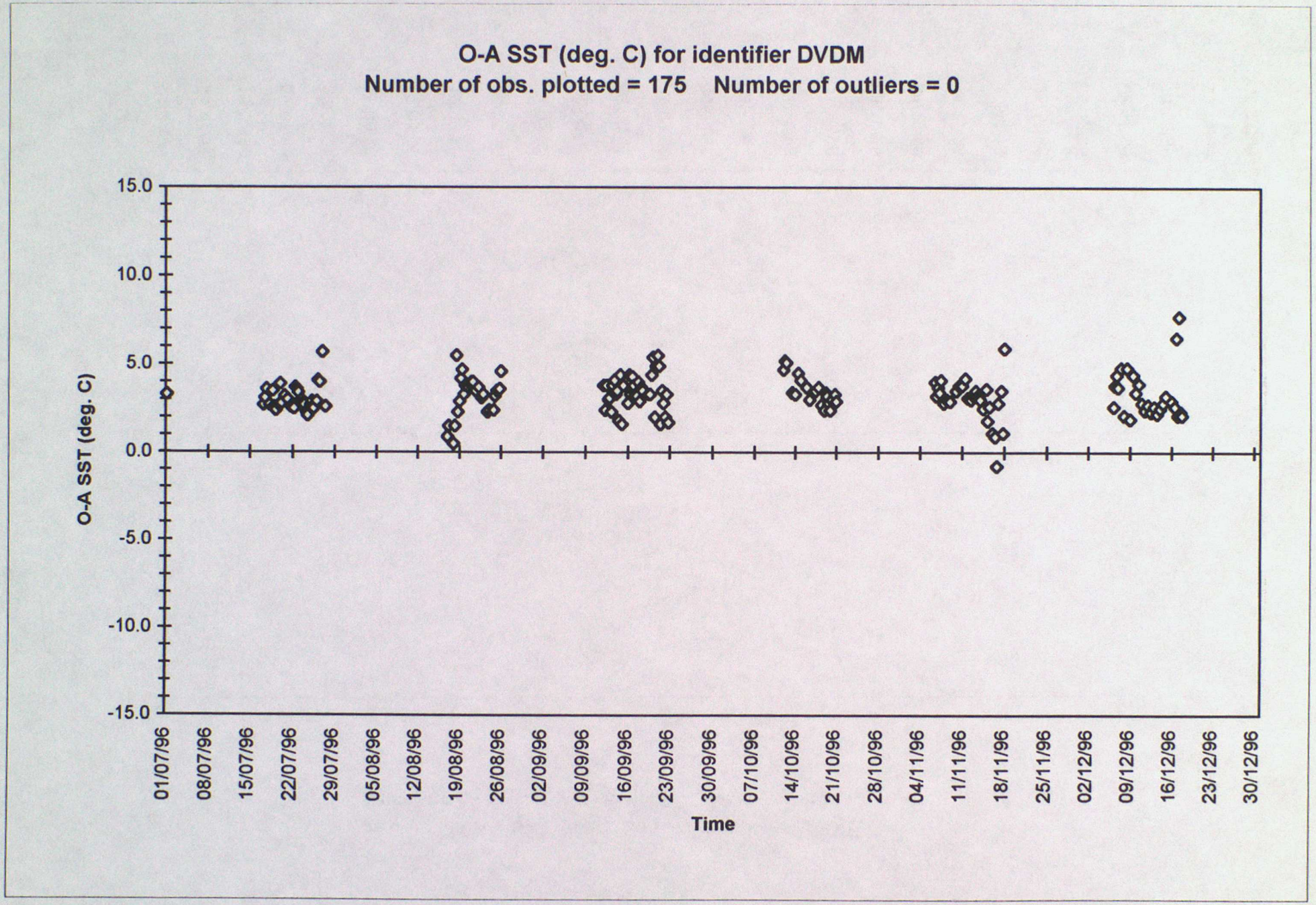

O-A SST (deg. C) for identifier DEFA
Number of obs. plotted = 151 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

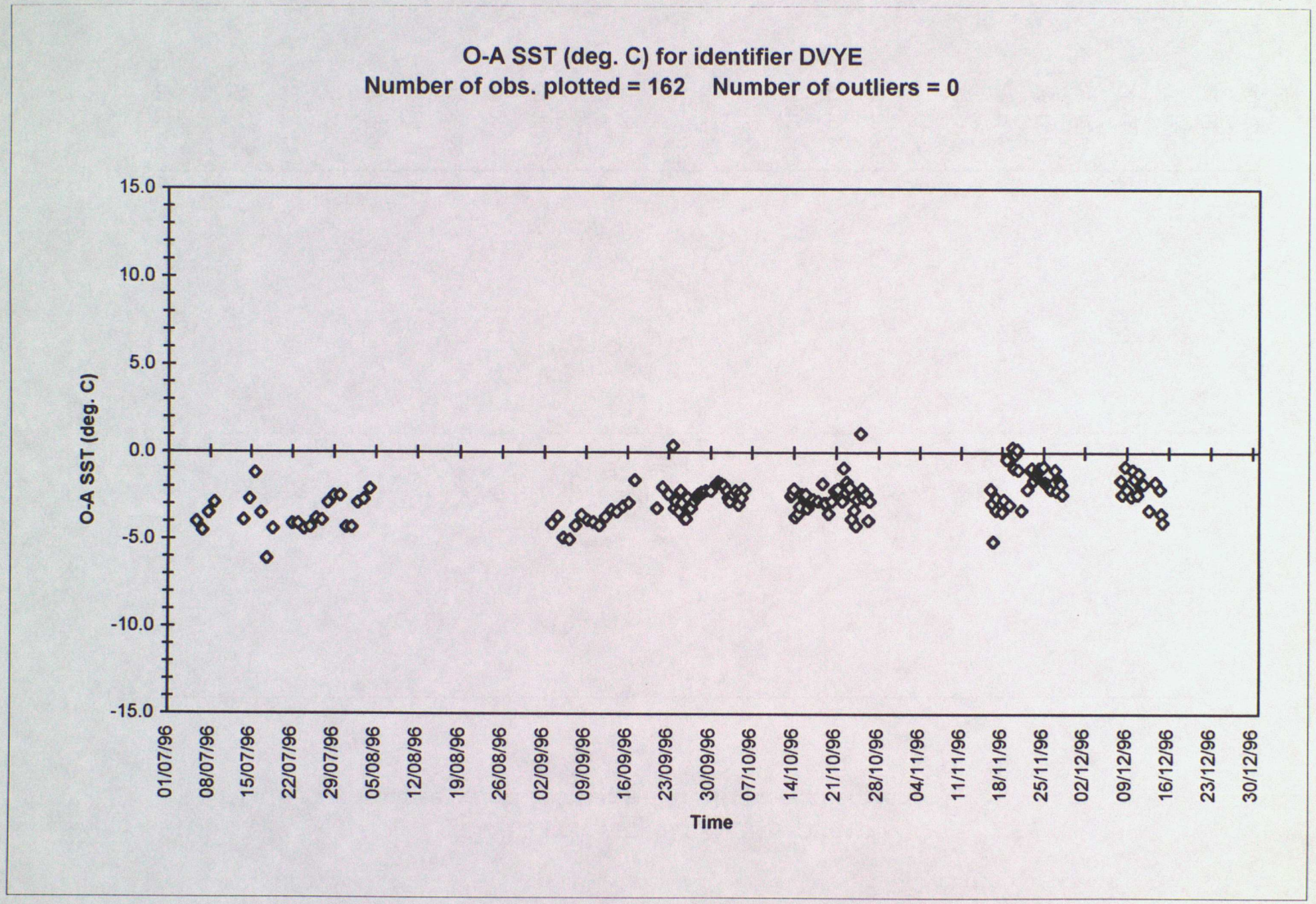

O-A SST (deg. C) for identifier DIDT
Number of obs. plotted = 124 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

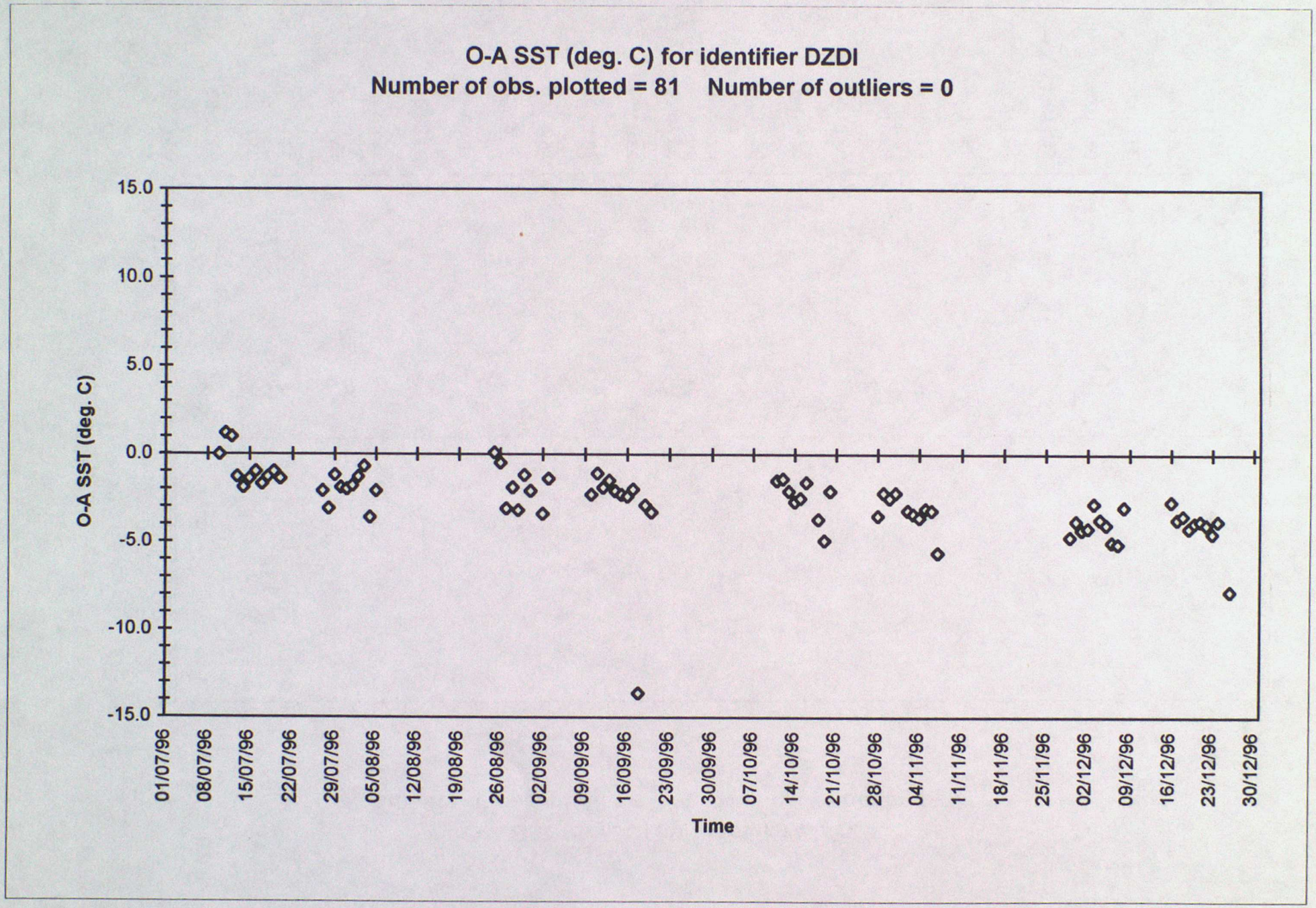

O-A SST (deg. C) for identifier DNGB
Number of obs. plotted = 82 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

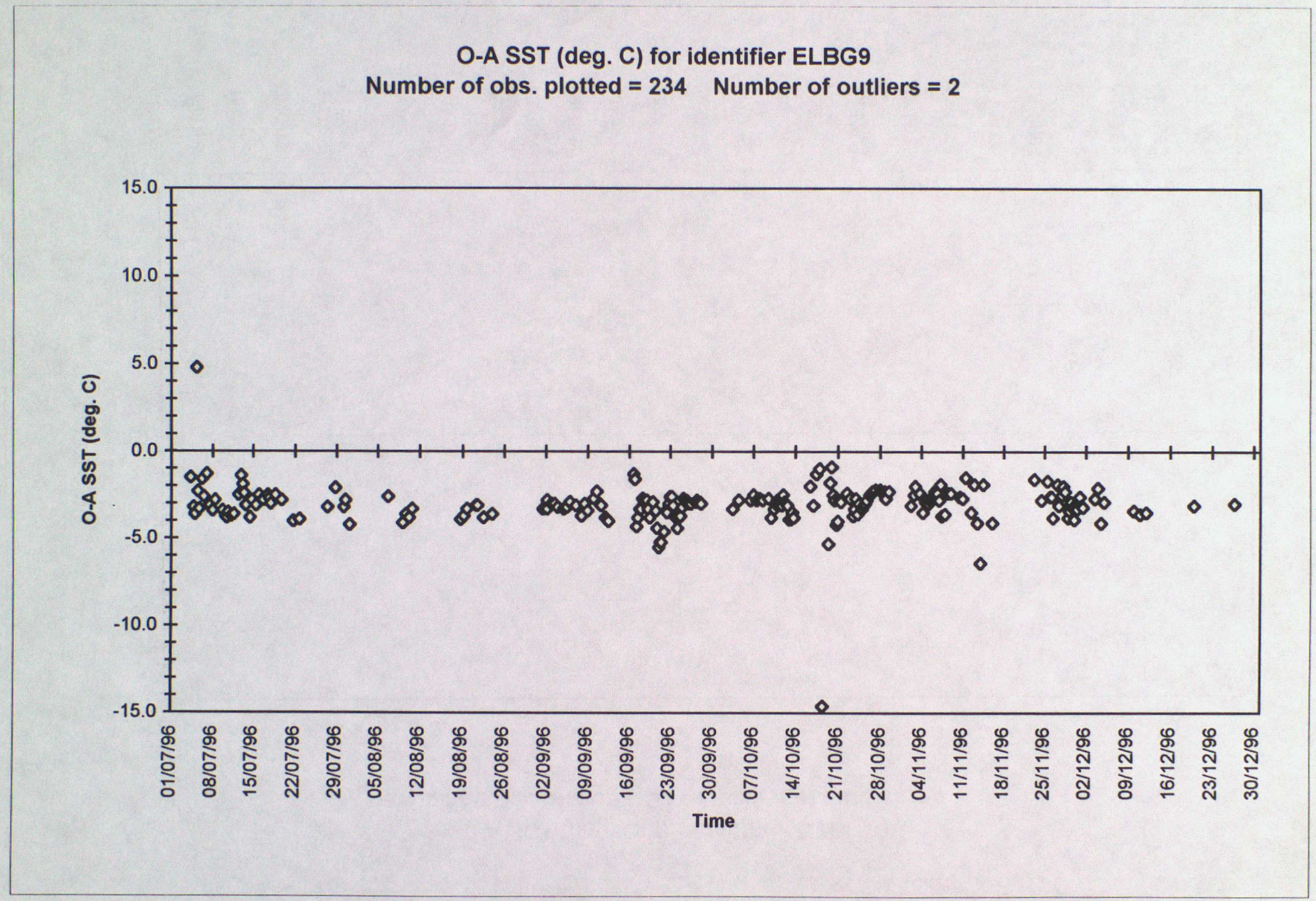

O-A SST (deg. C) for identifier DULR
Number of obs. plotted = 92 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

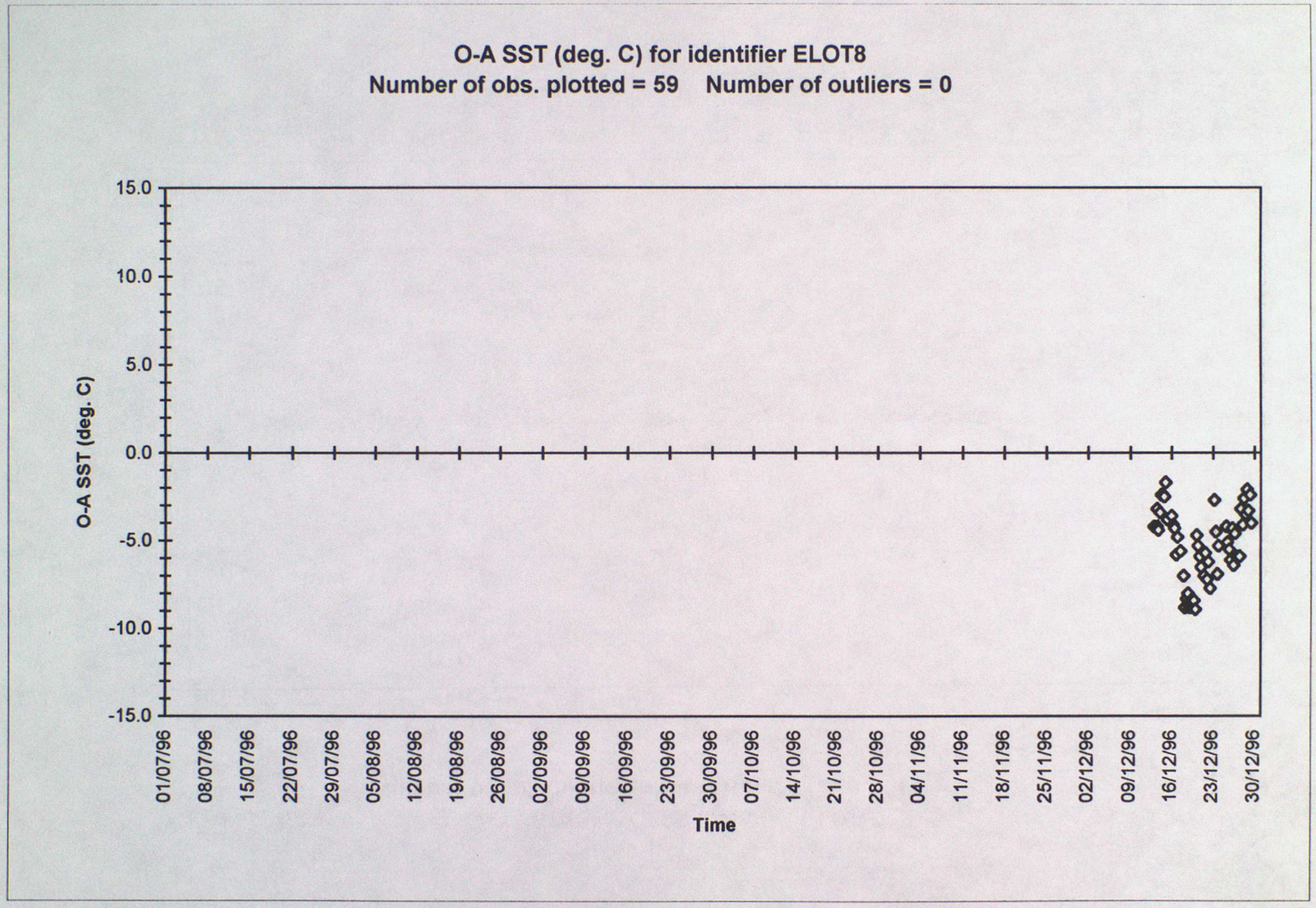

O-A SST (deg. C) for identifier DURY
Number of obs. plotted = 94 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

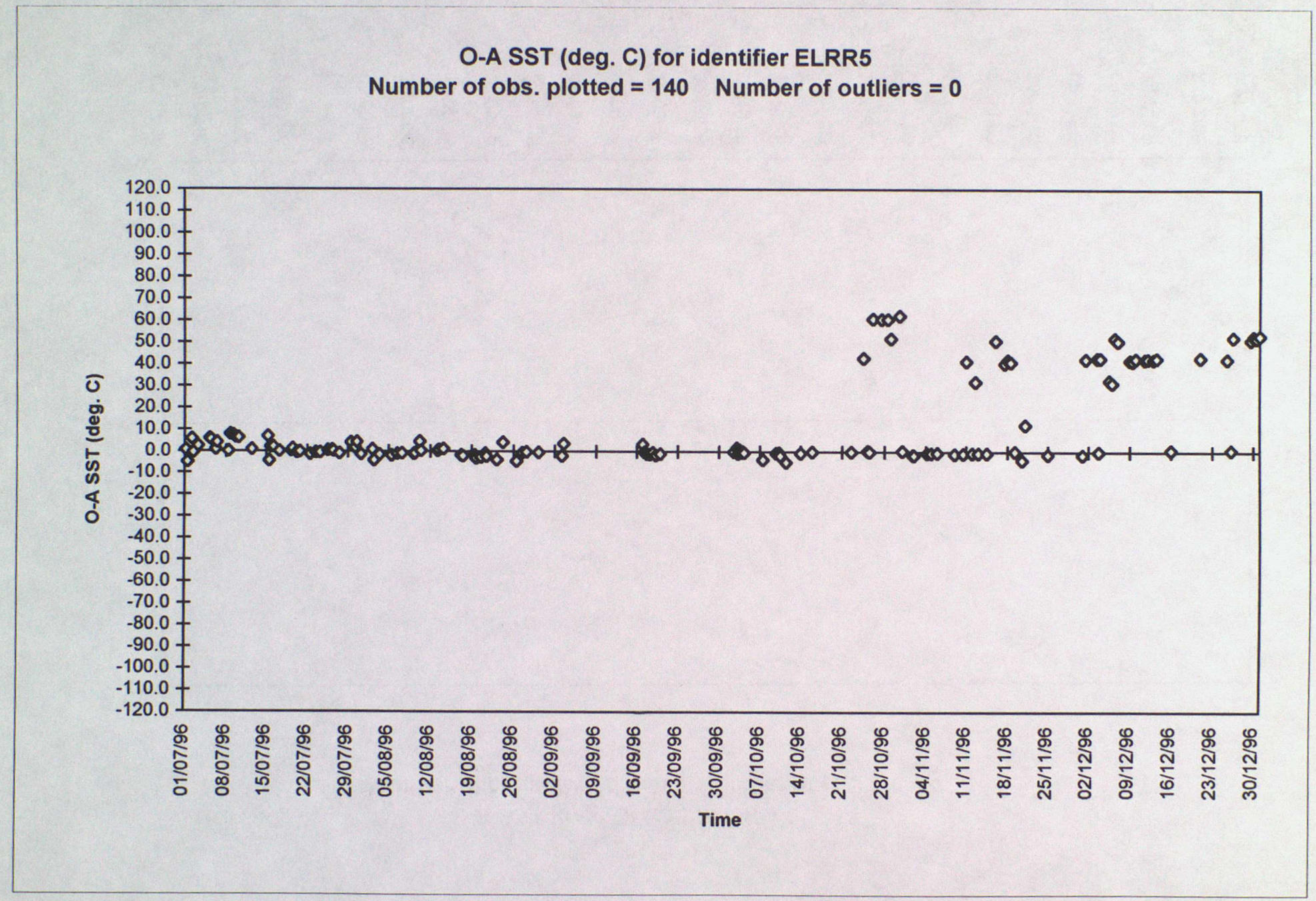

O-A SST (deg. C) for identifier DVDM
Number of obs. plotted = 175 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

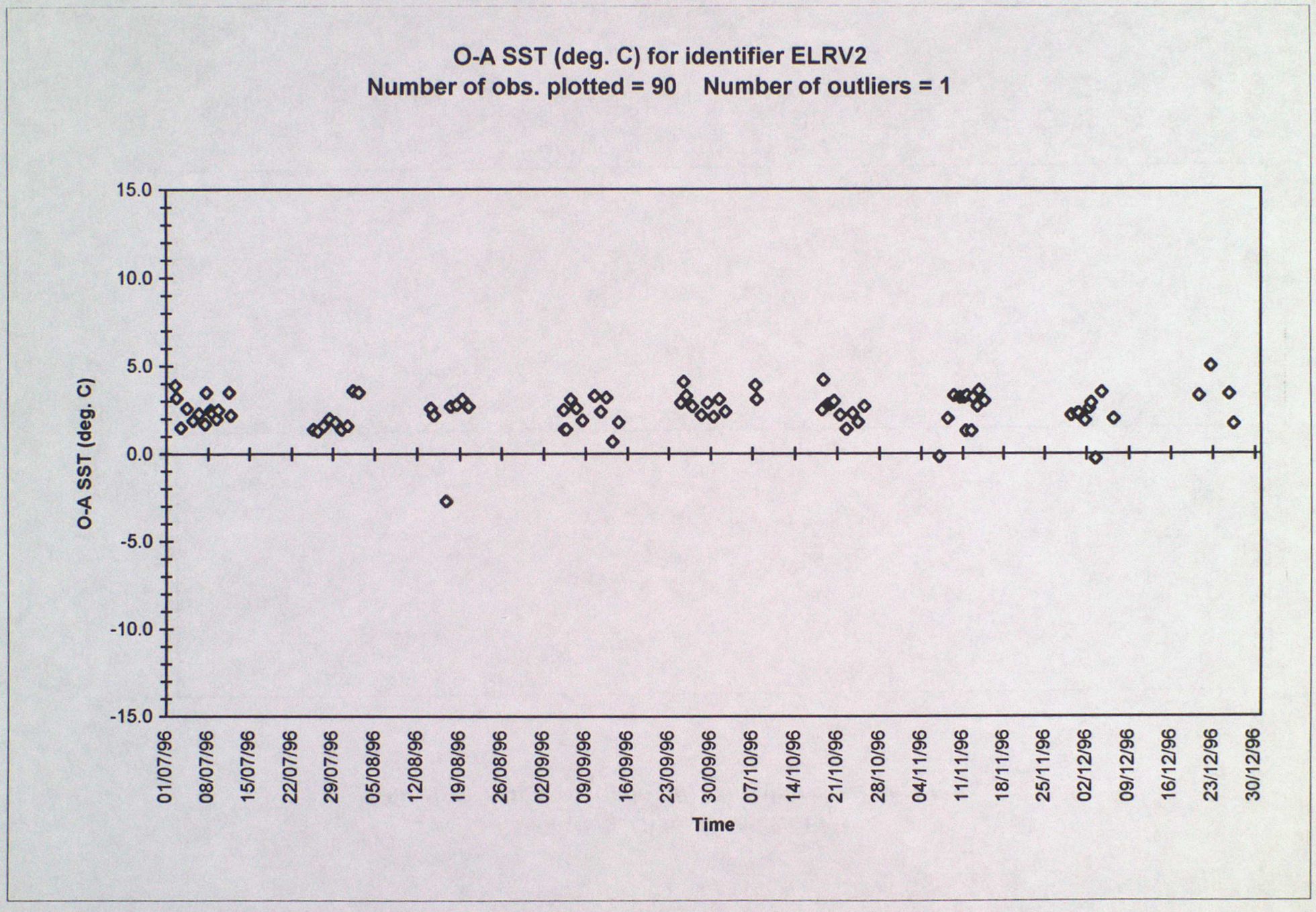

O-A SST (deg. C) for identifier DVYE
Number of obs. plotted = 162 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

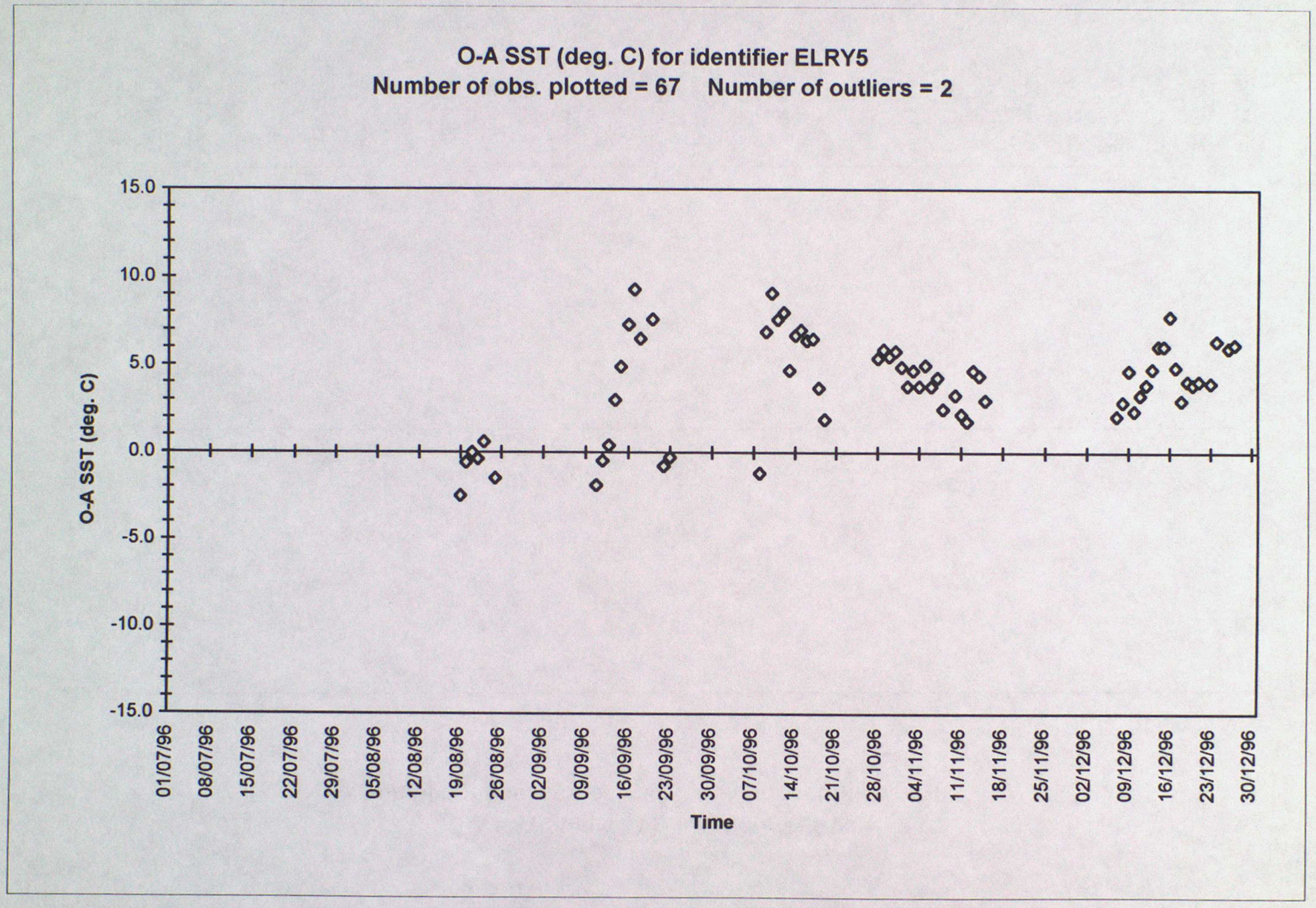

O-A SST (deg. C) for identifier DZDI
Number of obs. plotted = 81 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

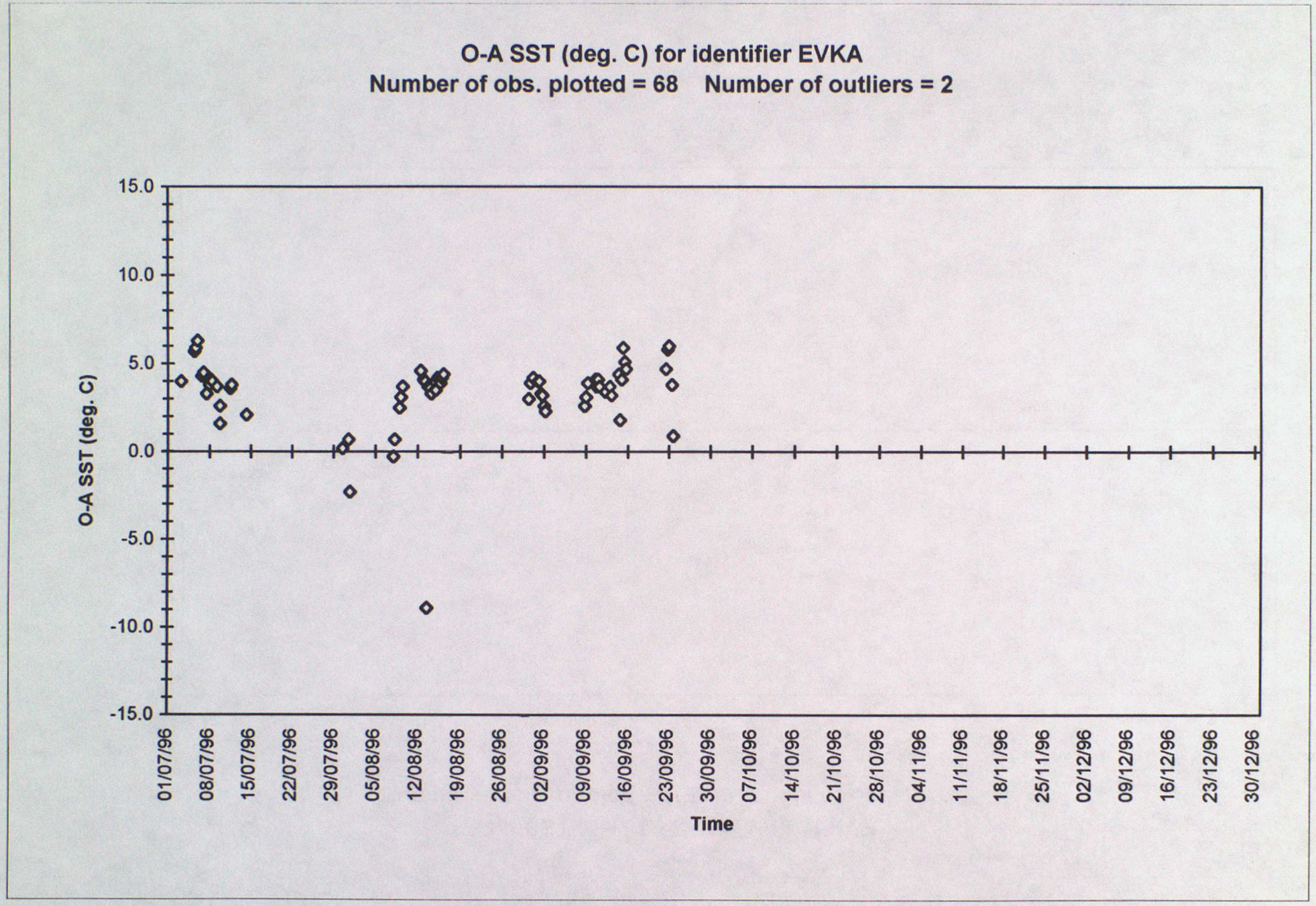

O-A SST (deg. C) for identifier ELBG9
Number of obs. plotted = 234 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

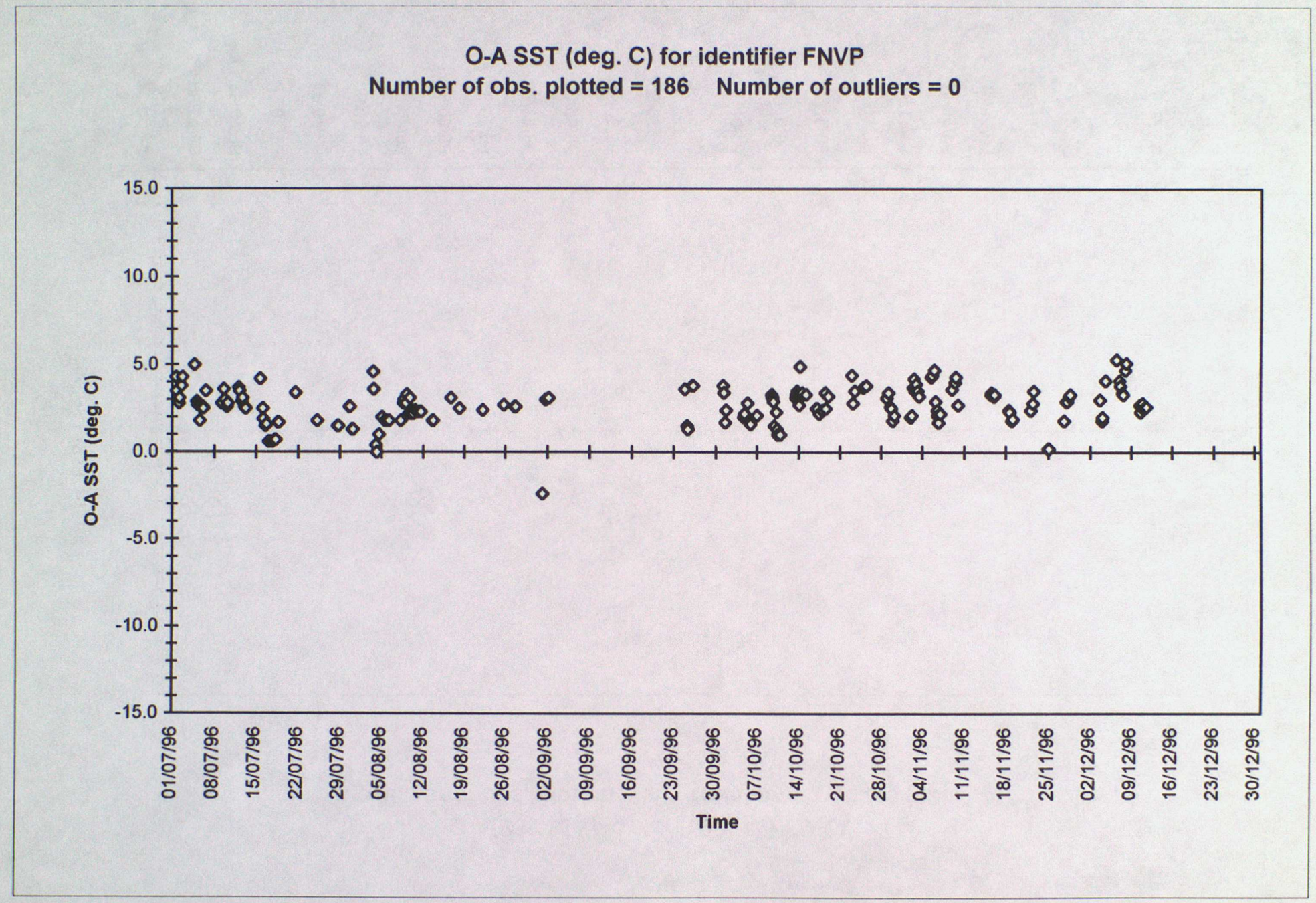

O-A SST (deg. C) for identifier ELOT8
Number of obs. plotted = 59 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

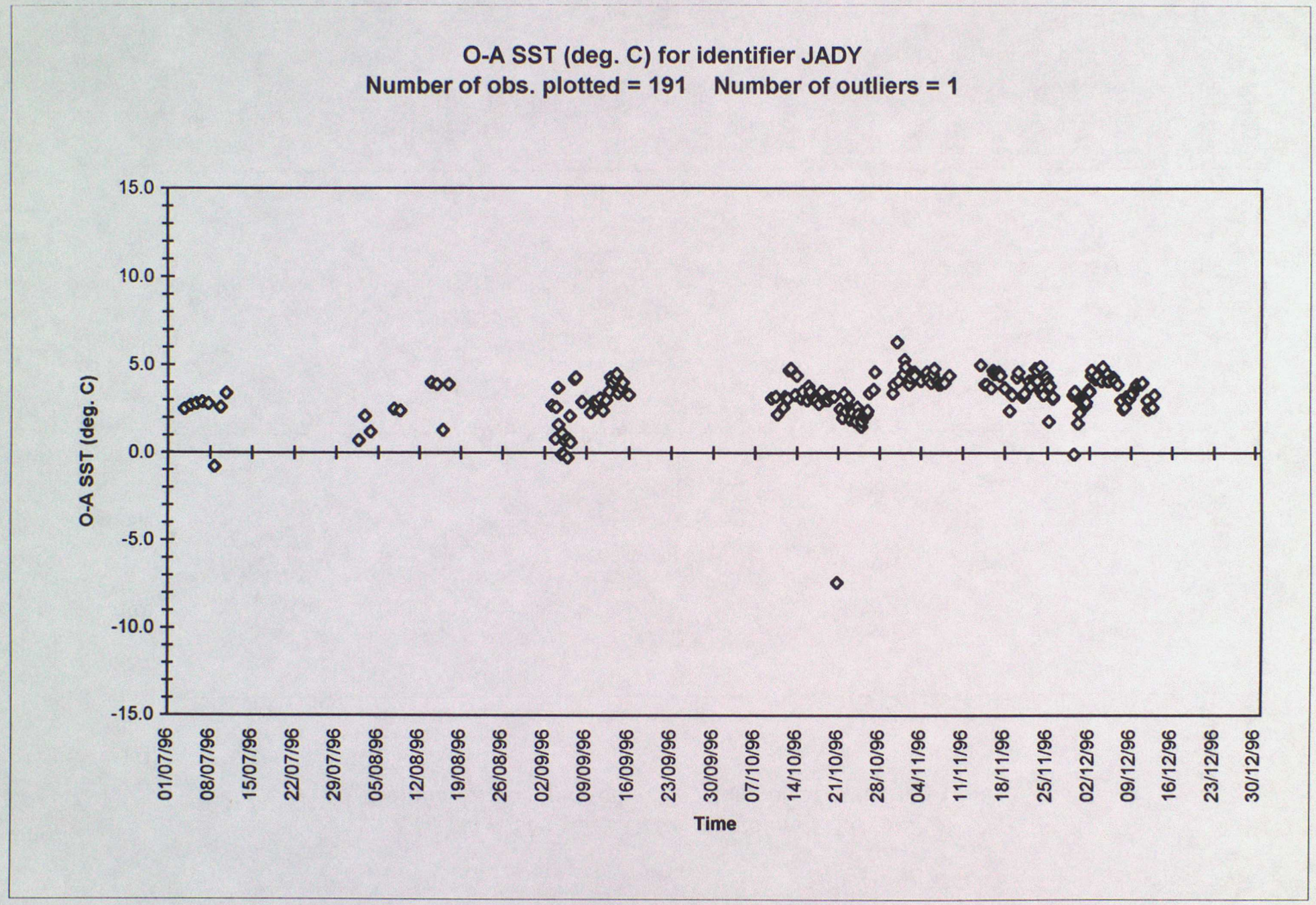

O-A SST (deg. C) for identifier ELRR5
Number of obs. plotted = 140 Number of outliers = 0
O-A SST (deg. C)
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

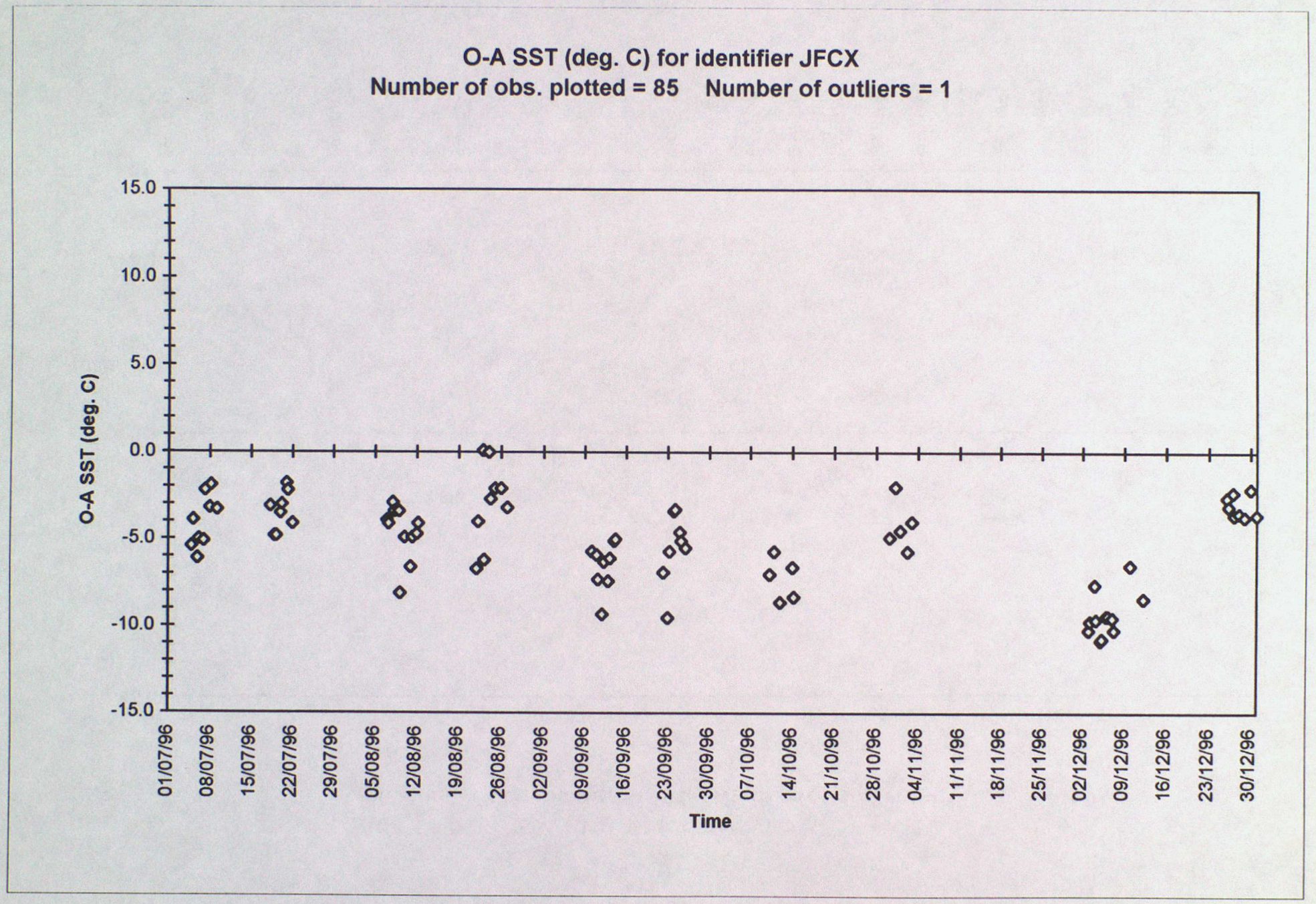

O-A SST (deg. C) for identifier ELRV2
Number of obs. plotted = 90 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

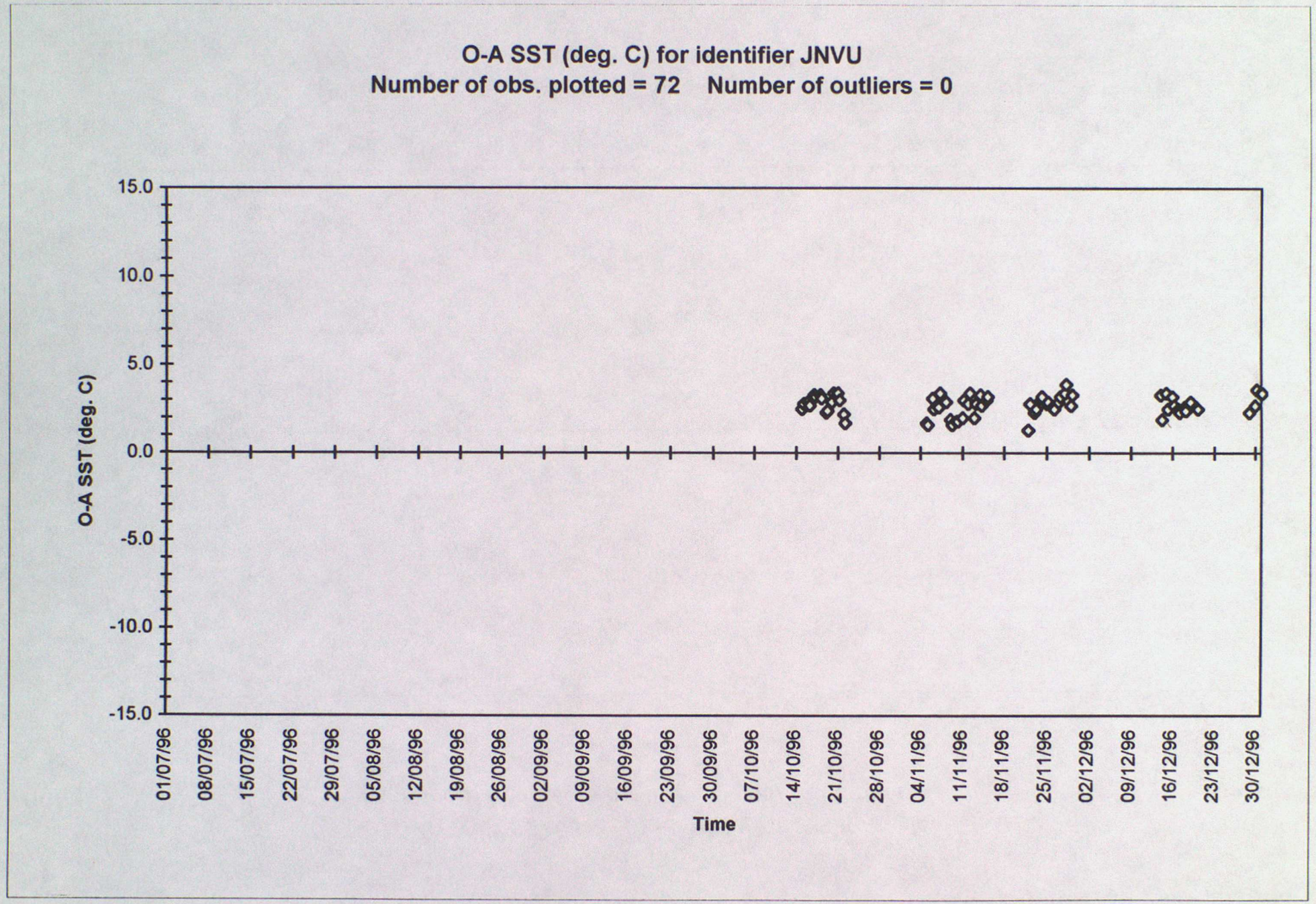

O-A SST (deg. C) for identifier ELRY5
Number of obs. plotted = 67 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

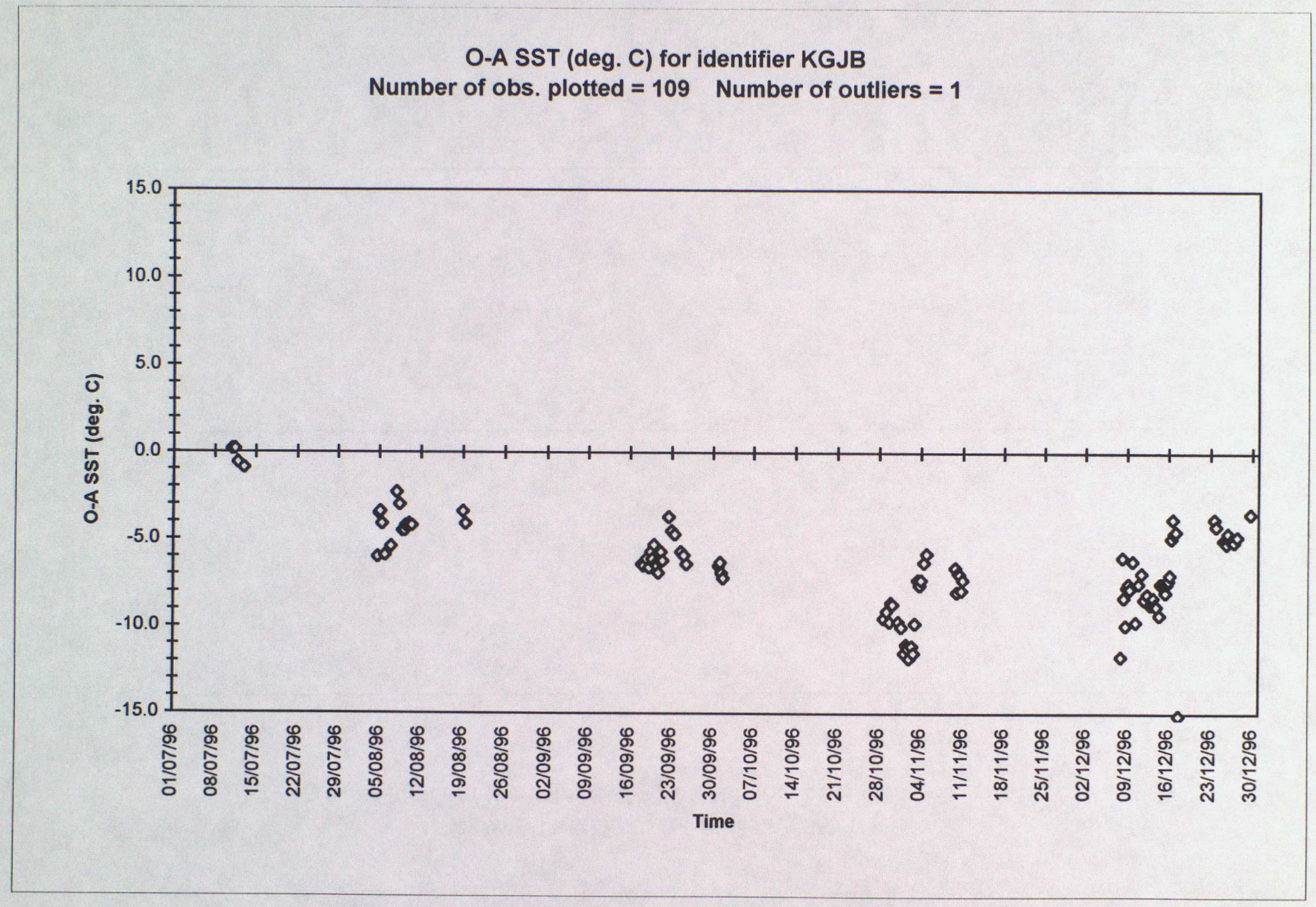

O-A SST (deg. C) for identifier EVKA
Number of obs. plotted = 68 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier FNVP
Number of obs. plotted = 186 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

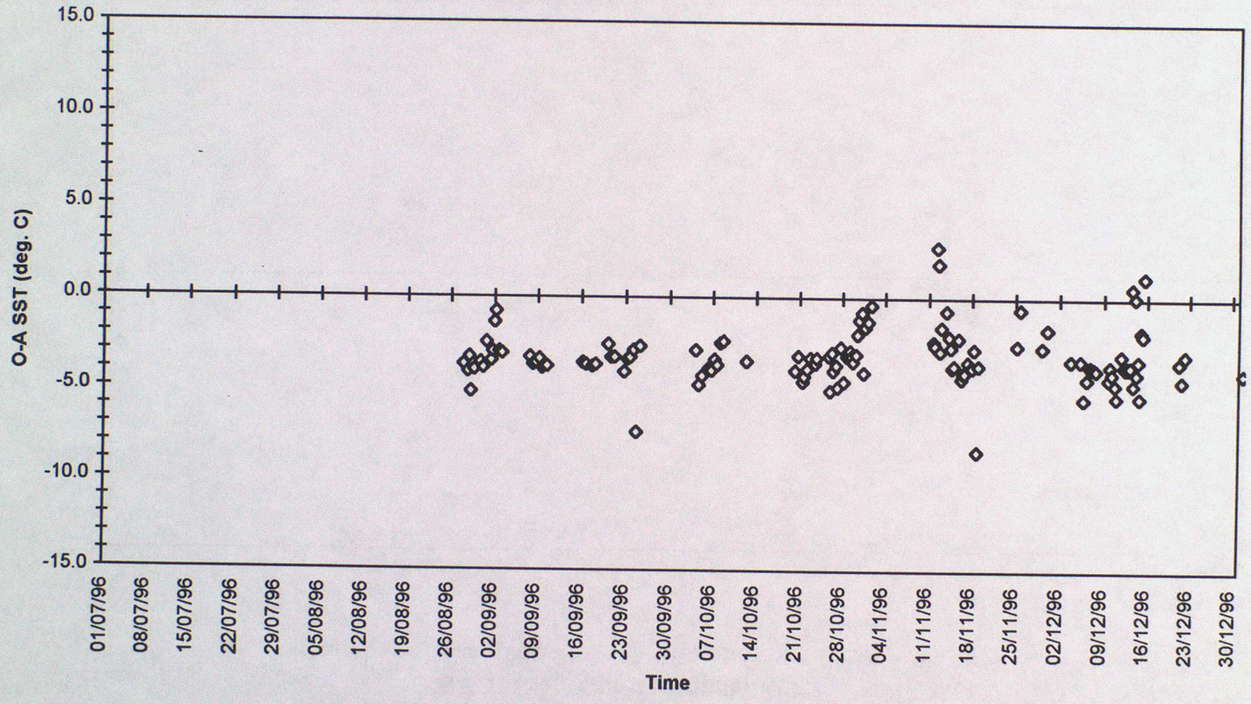

O-A SST (deg. C) for identifier JADY
Number of obs. plotted = 191 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

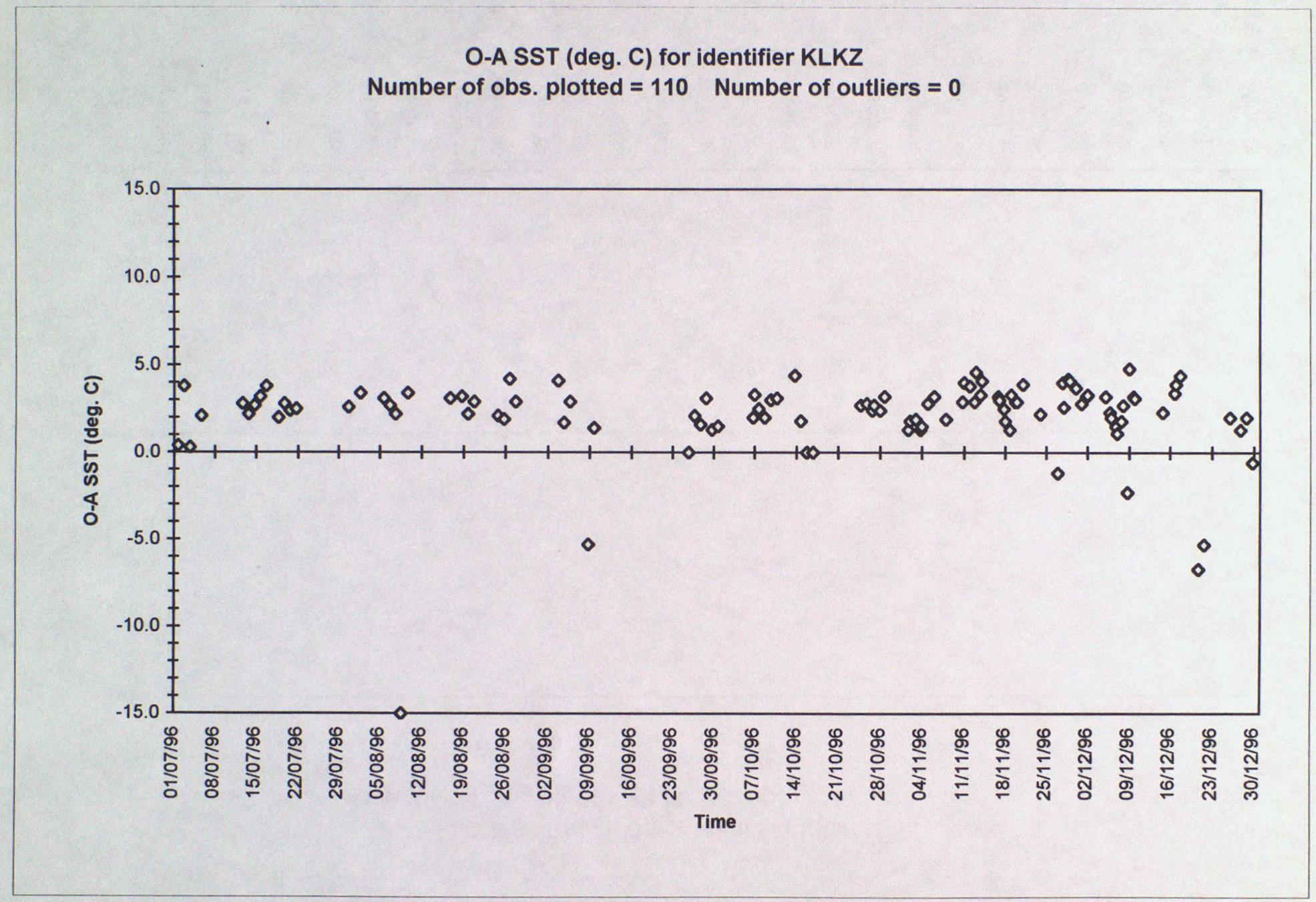

O-A SST (deg. C) for identifier JFCX
Number of obs. plotted = 85 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

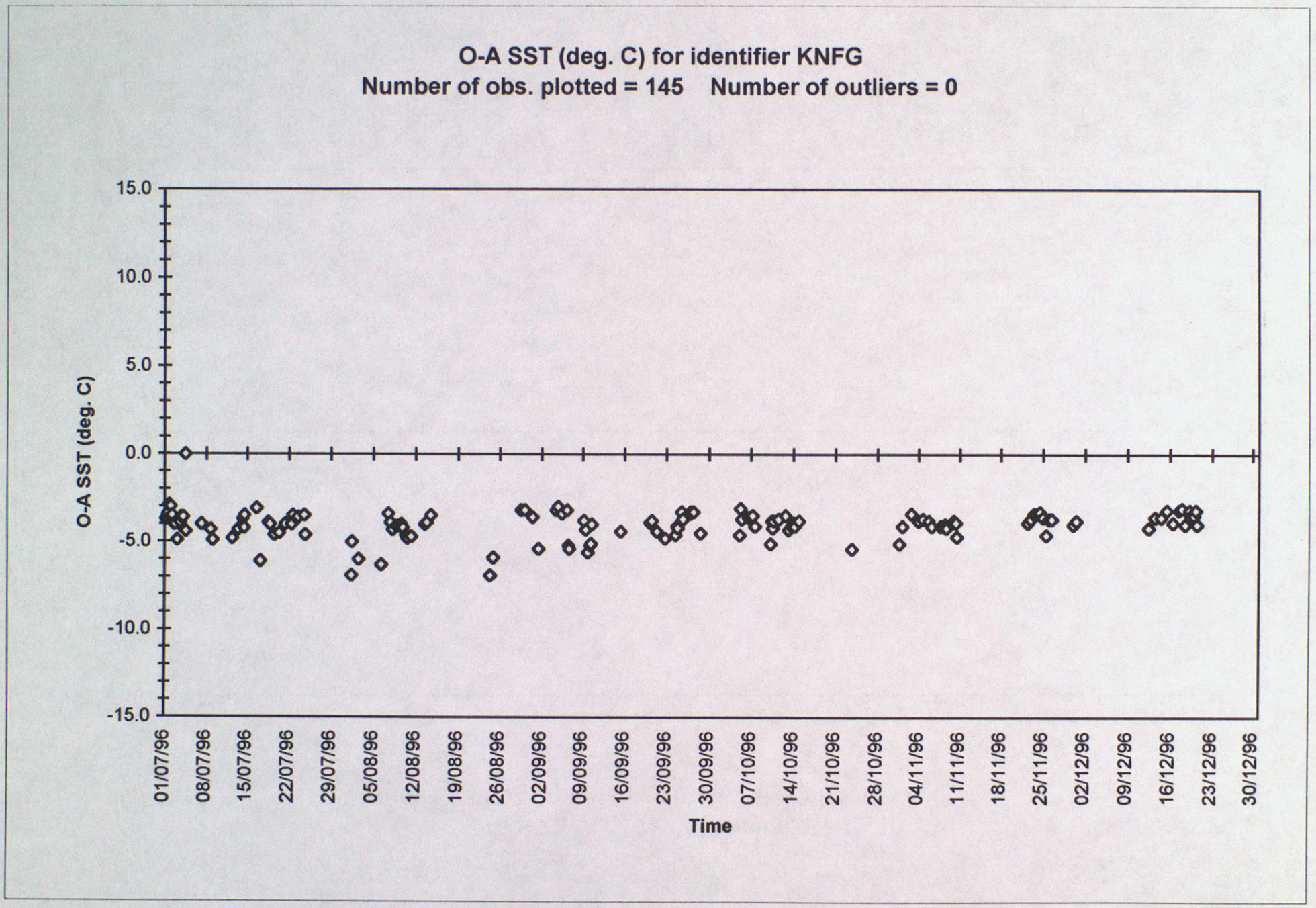

O-A SST (deg. C) for identifier JNVU
Number of obs. plotted = 72 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

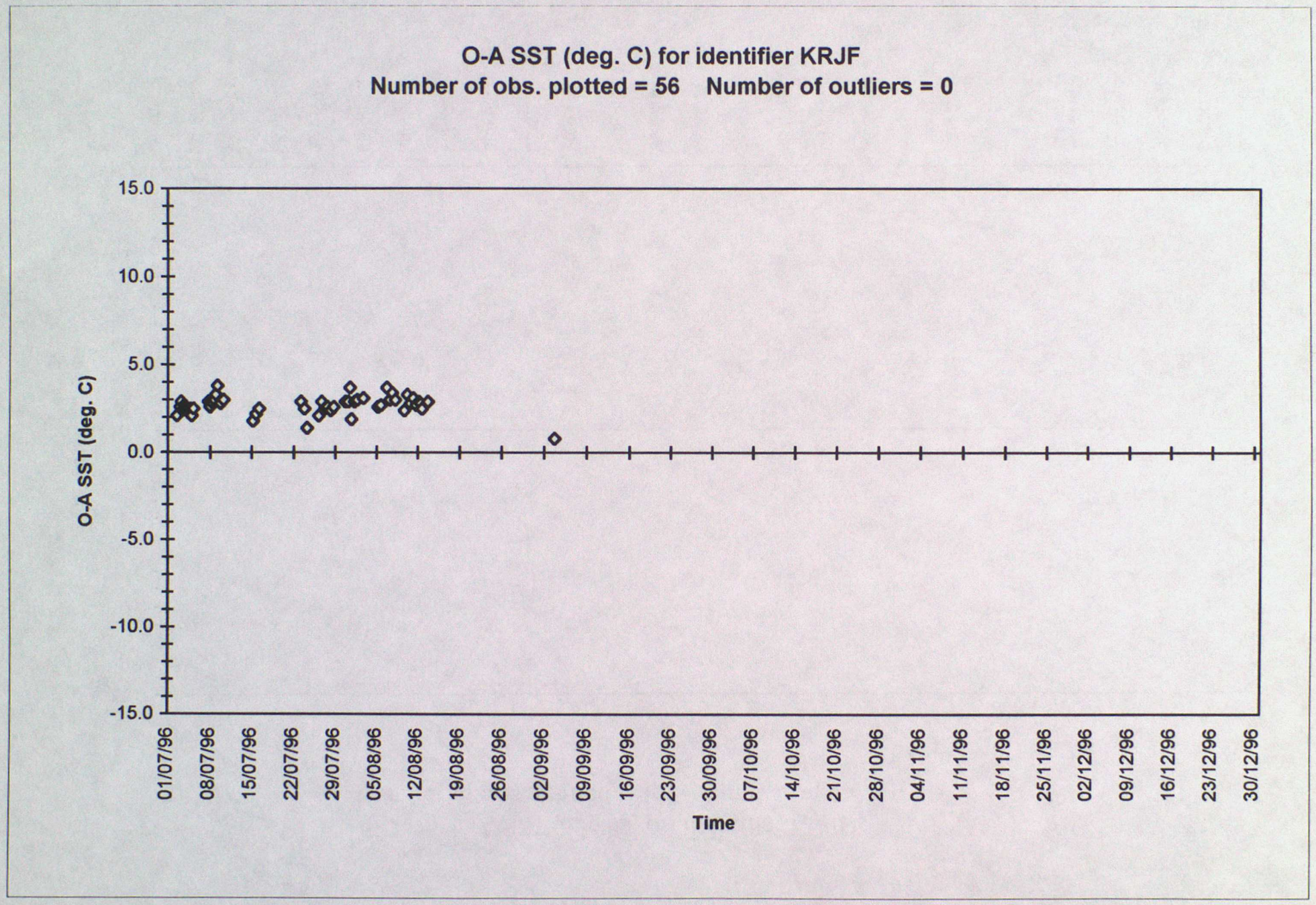

O-A SST (deg. C) for identifier KGJB
Number of obs. plotted = 109 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

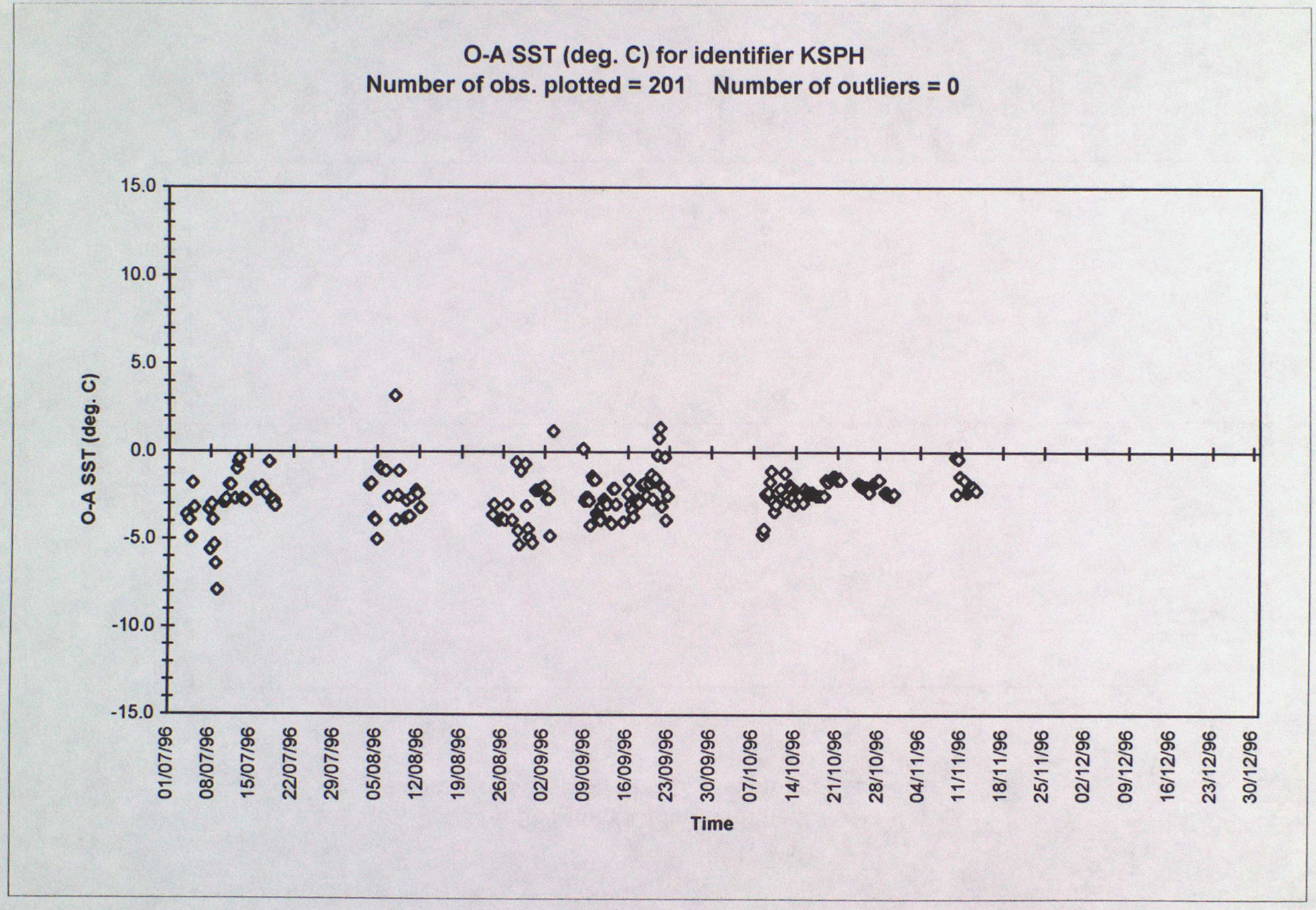
O-A SST (deg. C) for identifier KIOH
Number of obs. plotted = 131  Number of outliers = 0

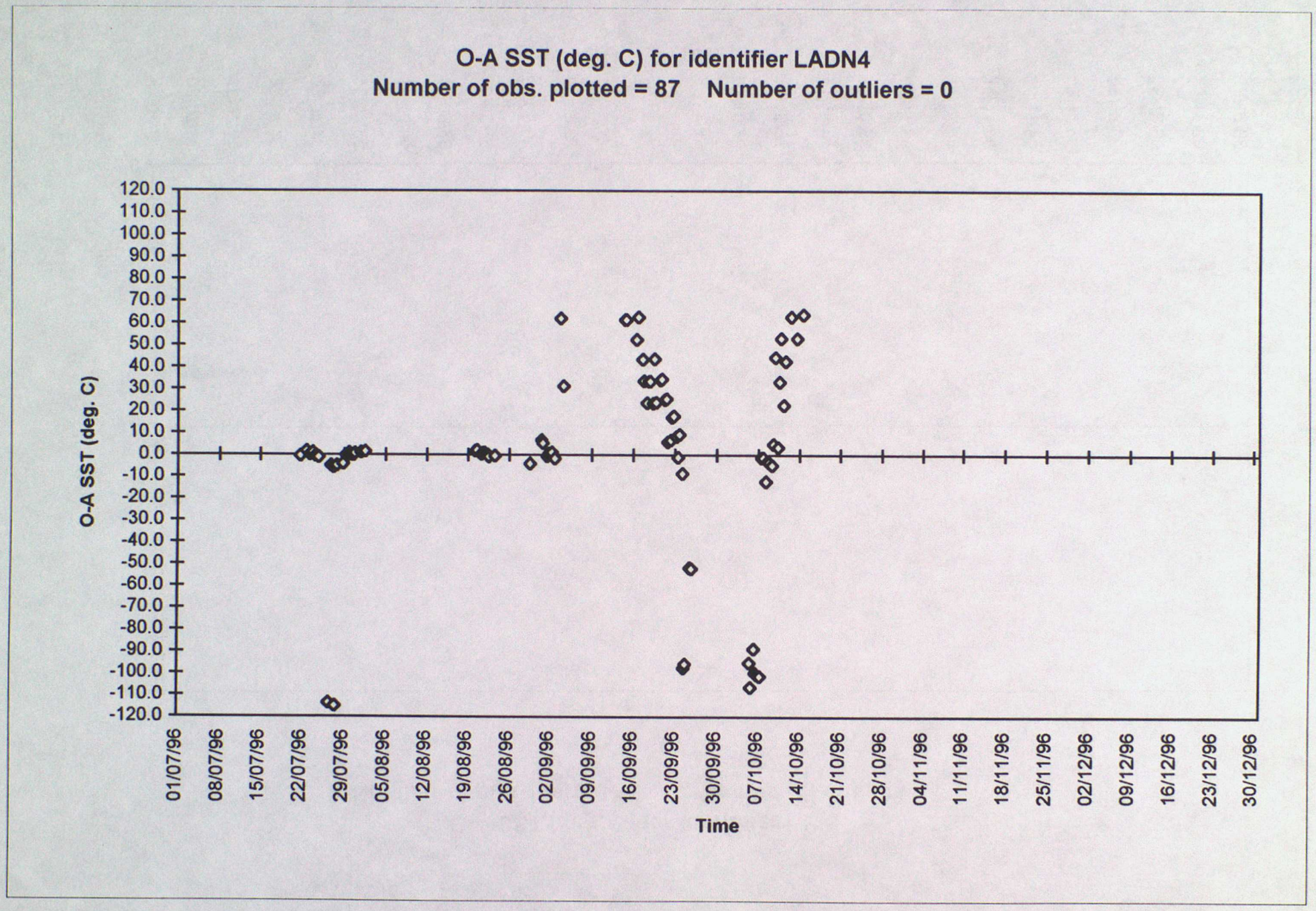


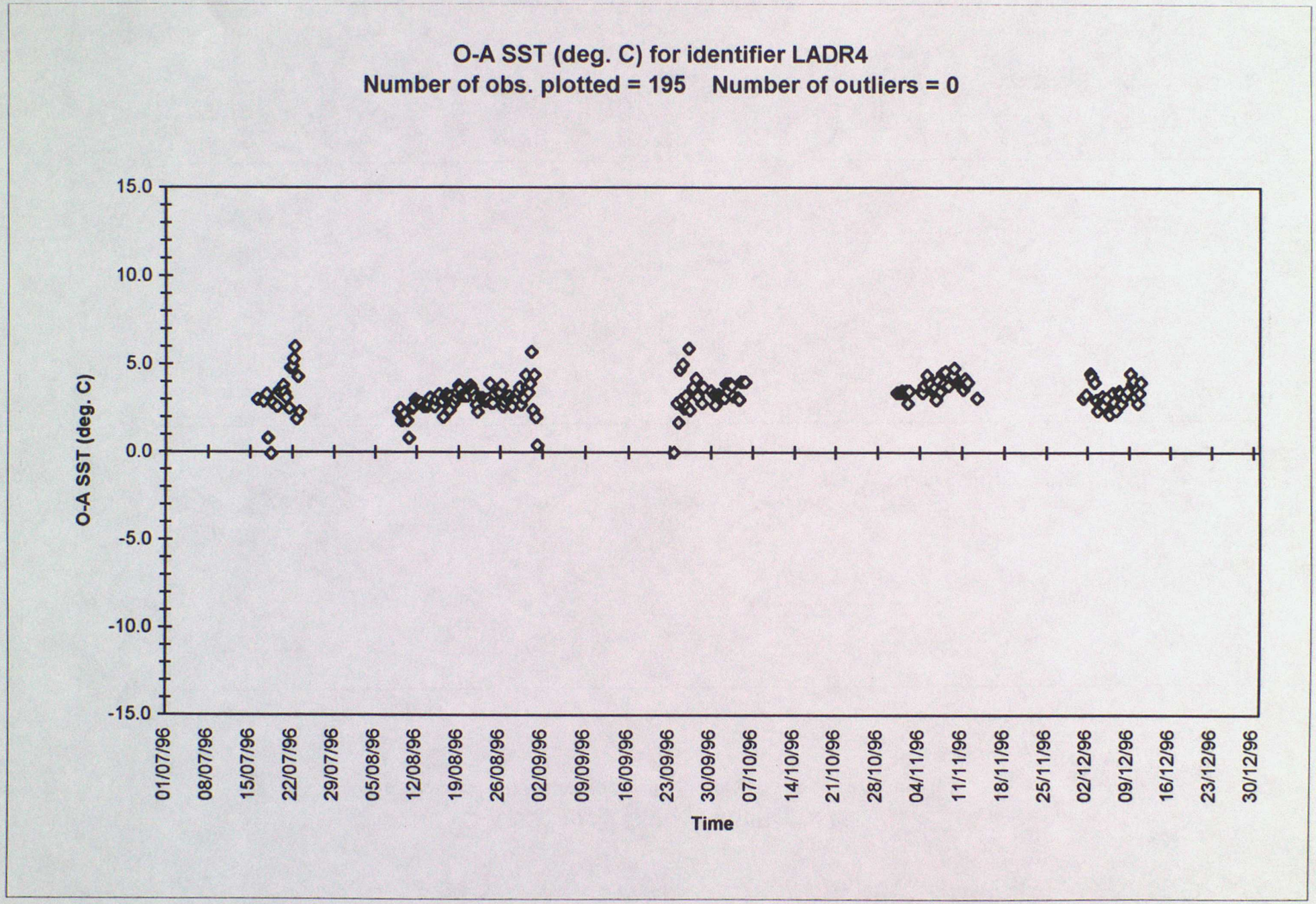

O-A SST (deg. C) for identifier KLKZ
Number of obs. plotted = 110 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

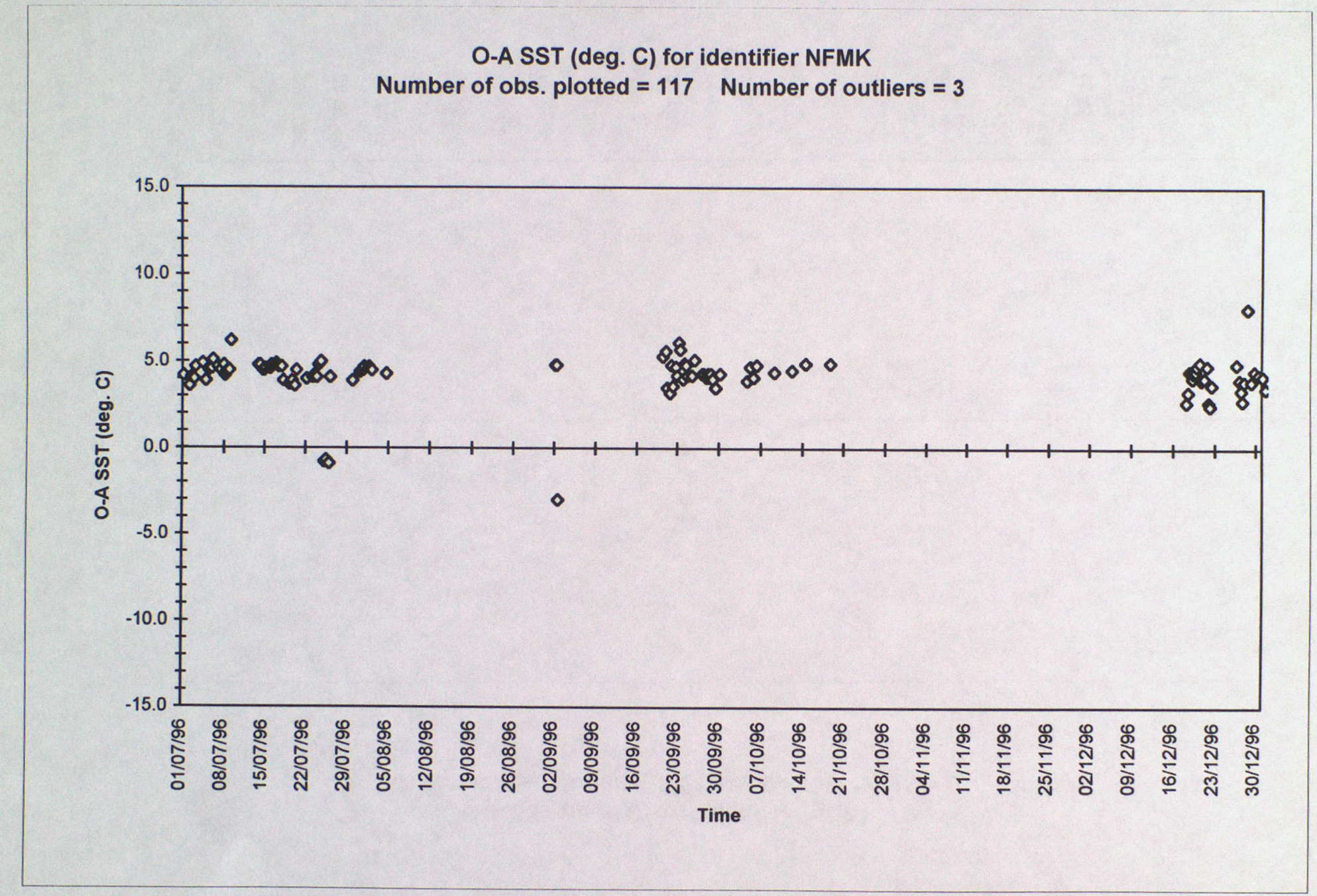

O-A SST (deg. C) for identifier KNFG
Number of obs. plotted = 145 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

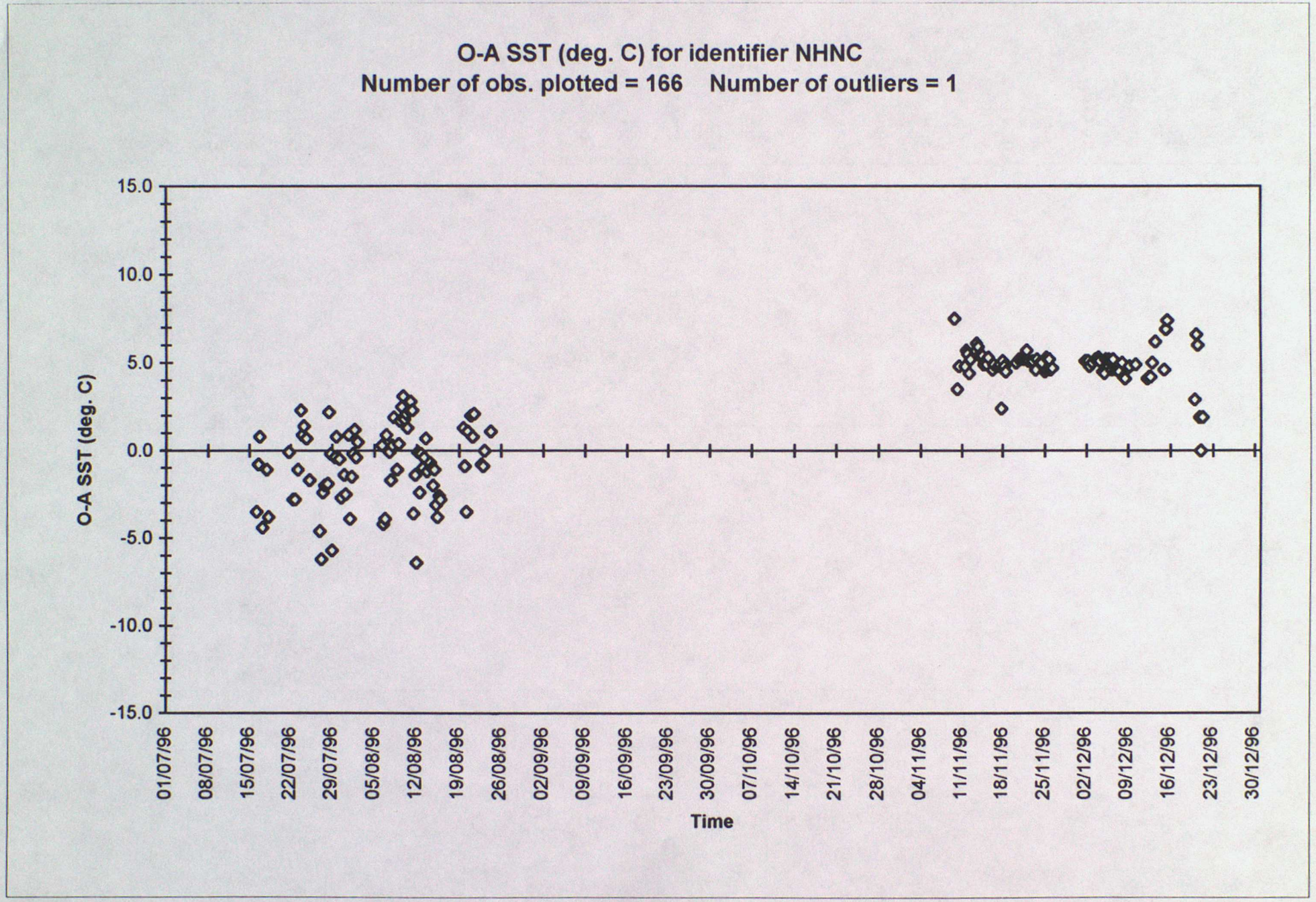

O-A SST (deg. C) for identifier KRJF
Number of obs. plotted = 56 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

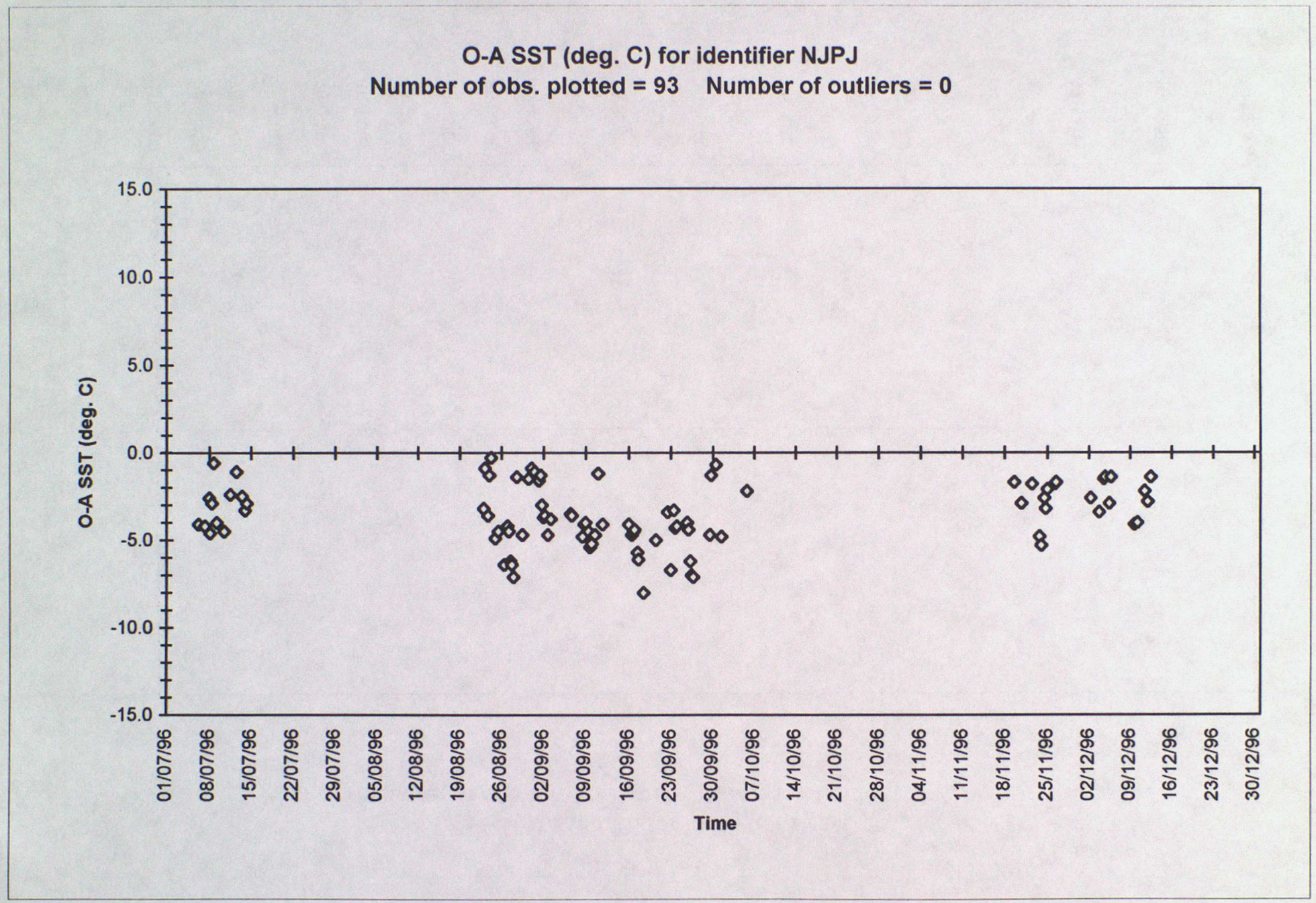

O-A SST (deg. C) for identifier KSPH
Number of obs. plotted = 201 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

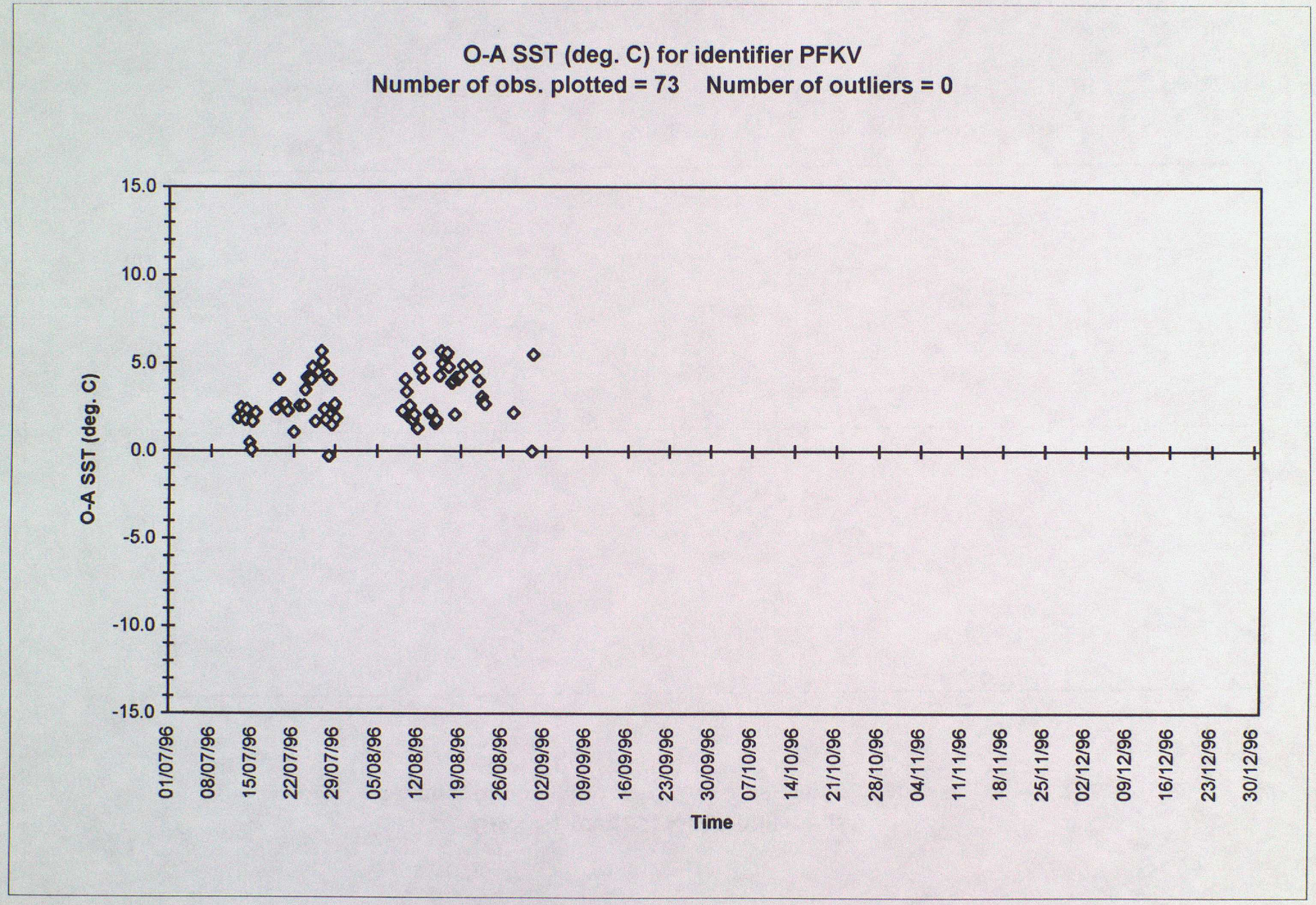

O-A SST (deg. C) for identifier LADN4
Number of obs. plotted = 87 Number of outliers = 0
O-A SST (deg. C)
120.0
110.0
100.0
90.0
80.0
70.0
60.0
50.0
40.0
30.0
20.0
10.0
0.0
-10.0
-20.0
-30.0
-40.0
-50.0
-60.0
-70.0
-80.0
-90.0
-100.0
-110.0
-120.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

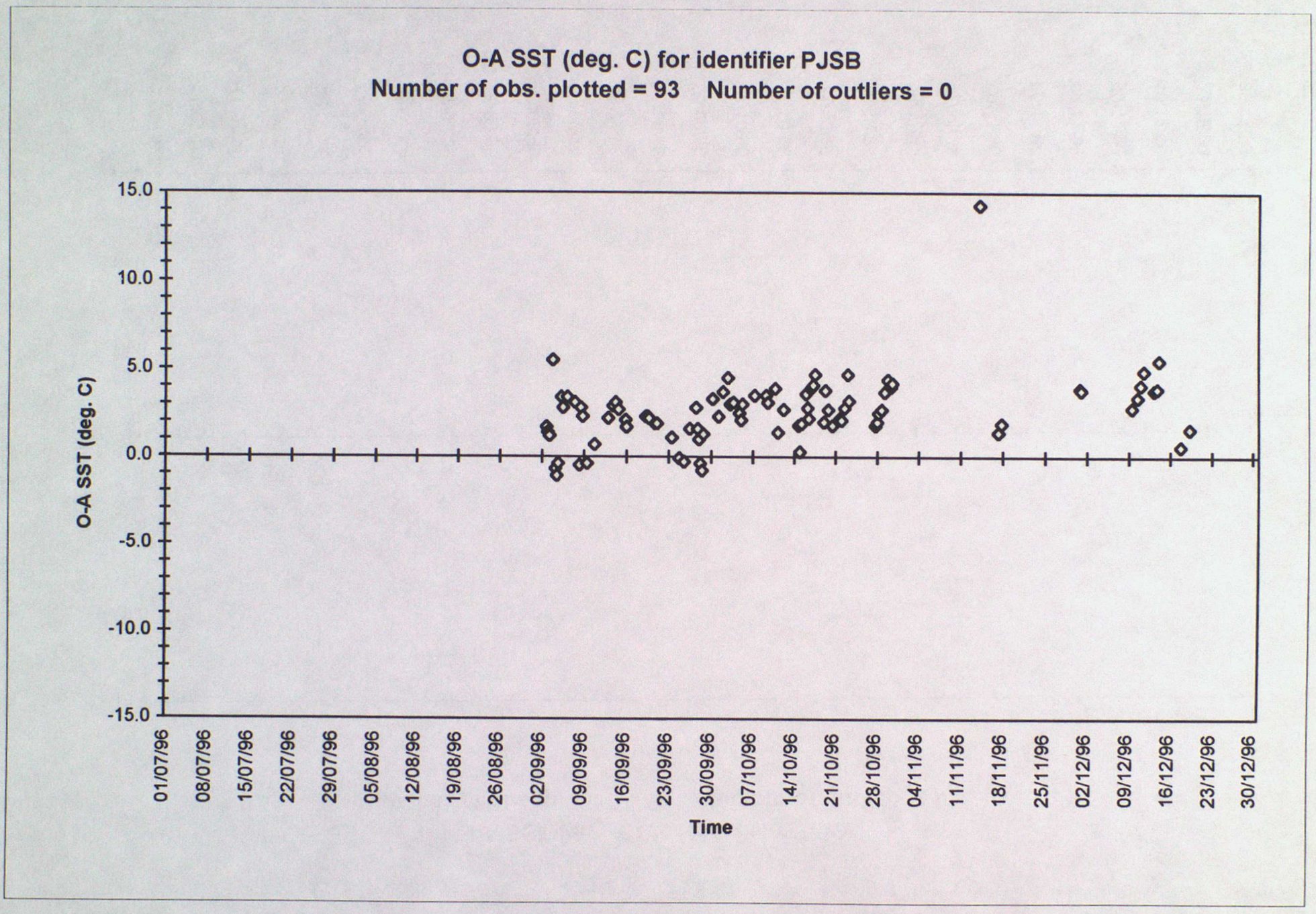

O-A SST (deg. C) for identifier LADR4
Number of obs. plotted = 195 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

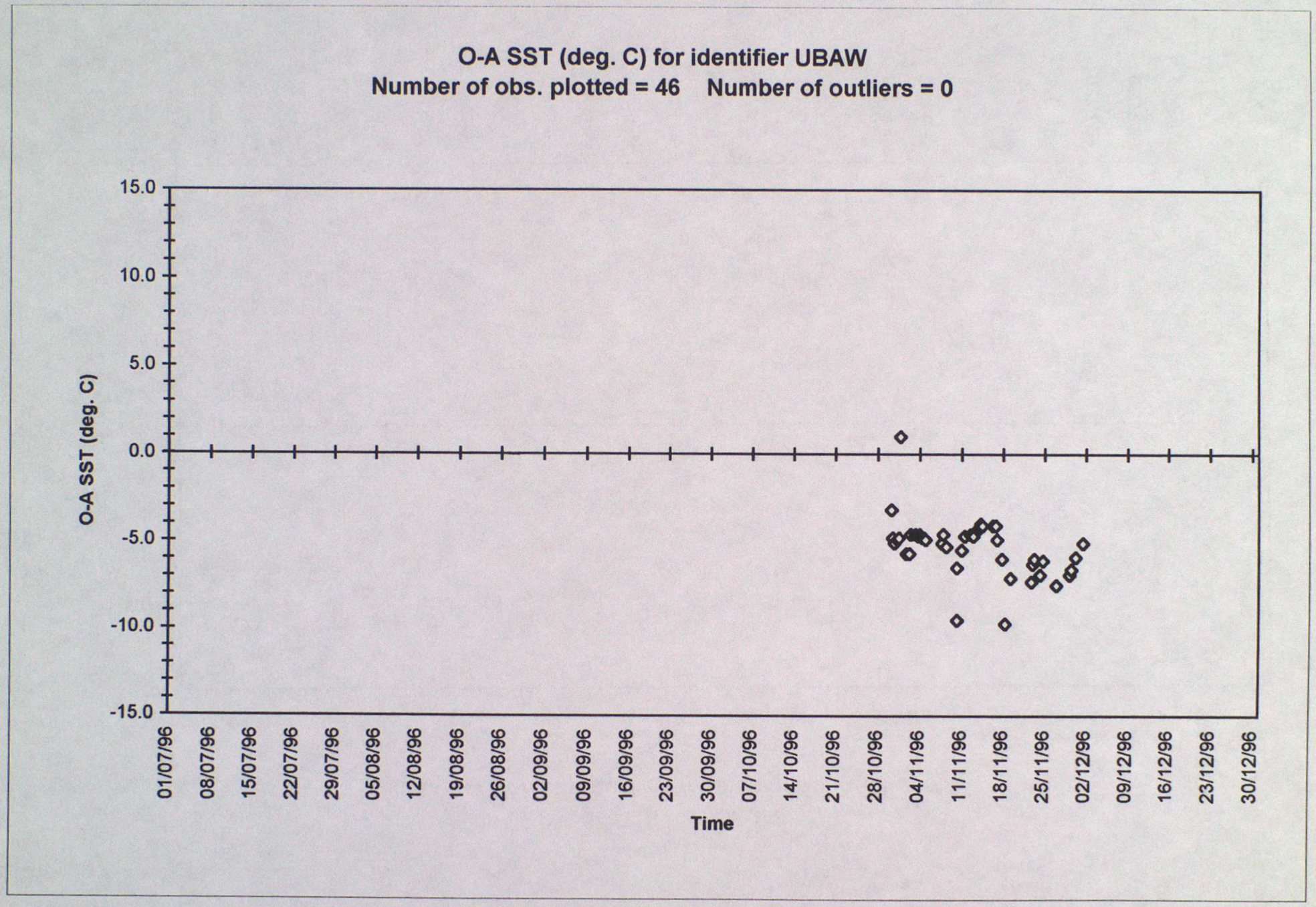

O-A SST (deg. C) for identifier NFMK
Number of obs. plotted = 117 Number of outliers = 3
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

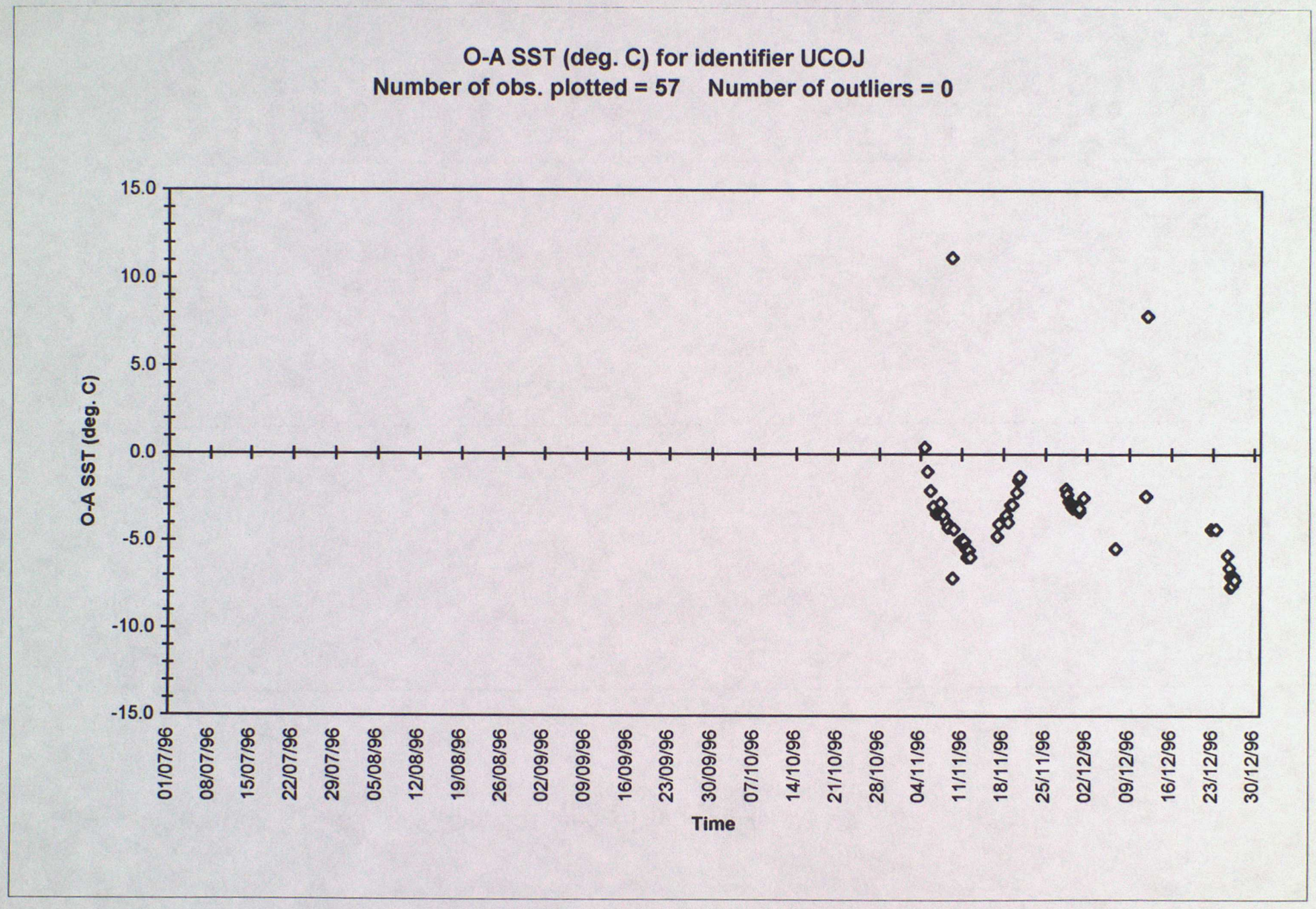

O-A SST (deg. C) for identifier NHNC
Number of obs. plotted = 166 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

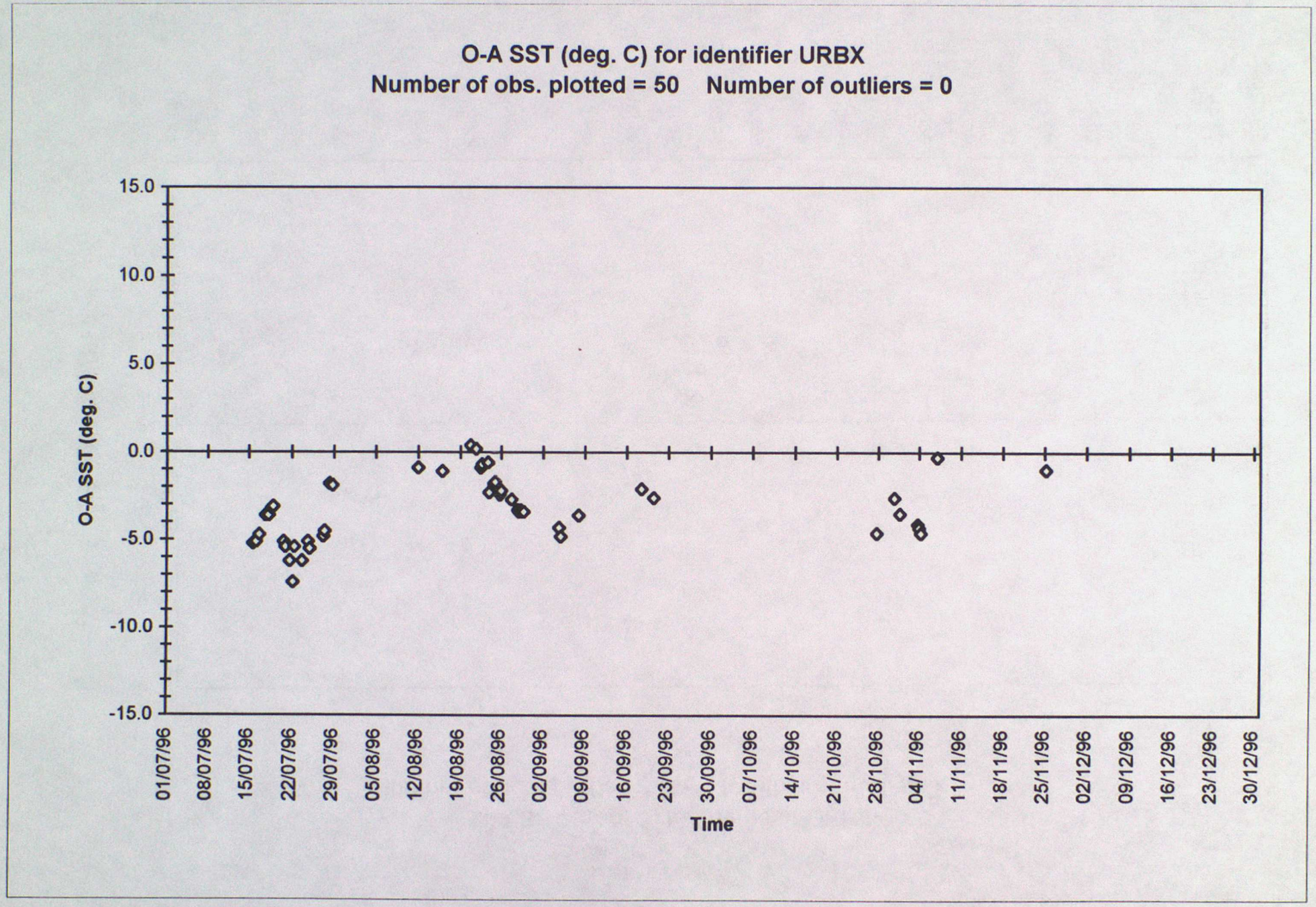

O-A SST (deg. C) for identifier NJPJ
Number of obs. plotted = 93 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

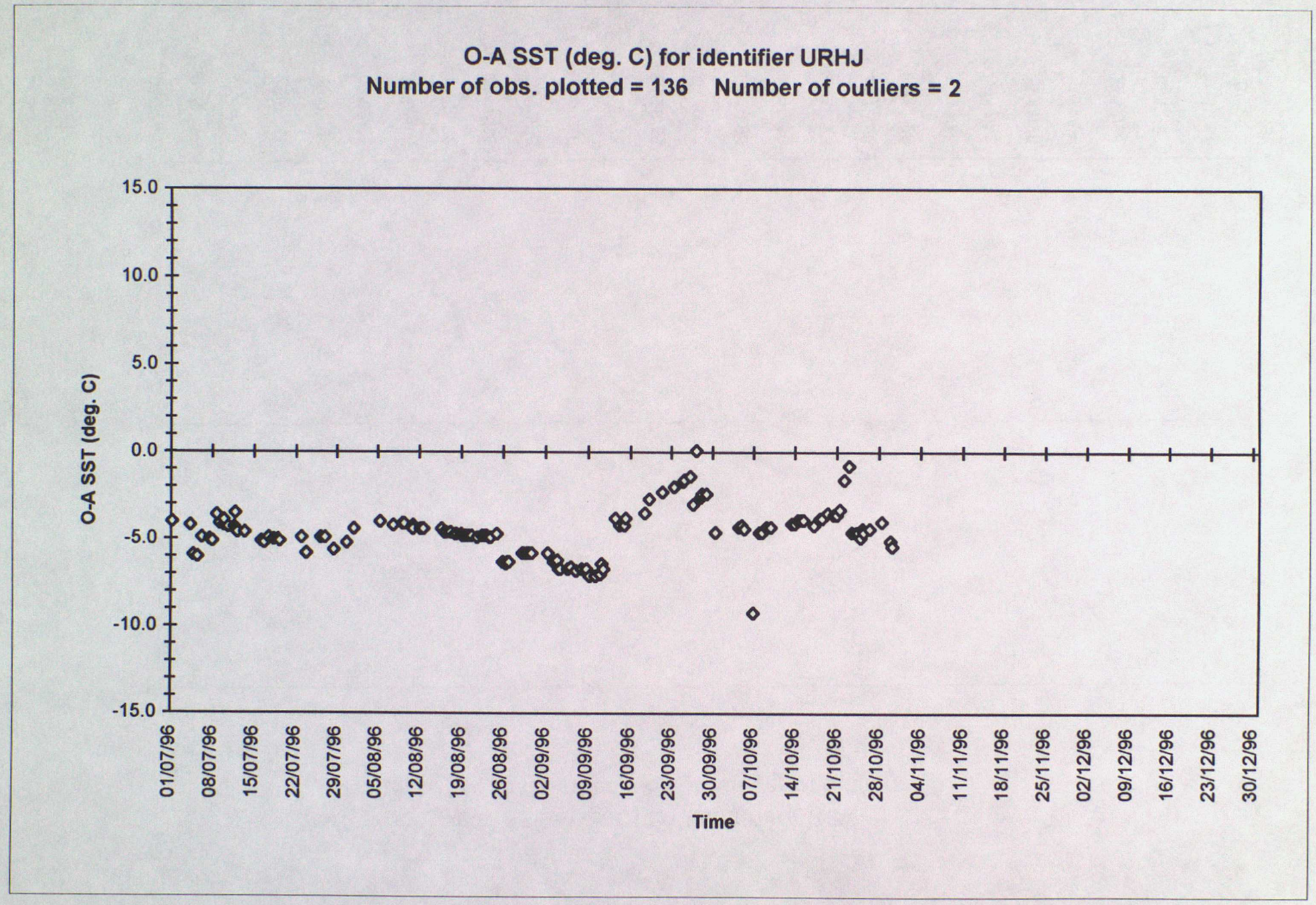

O-A SST (deg. C) for identifier PFKV
Number of obs. plotted = 73 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

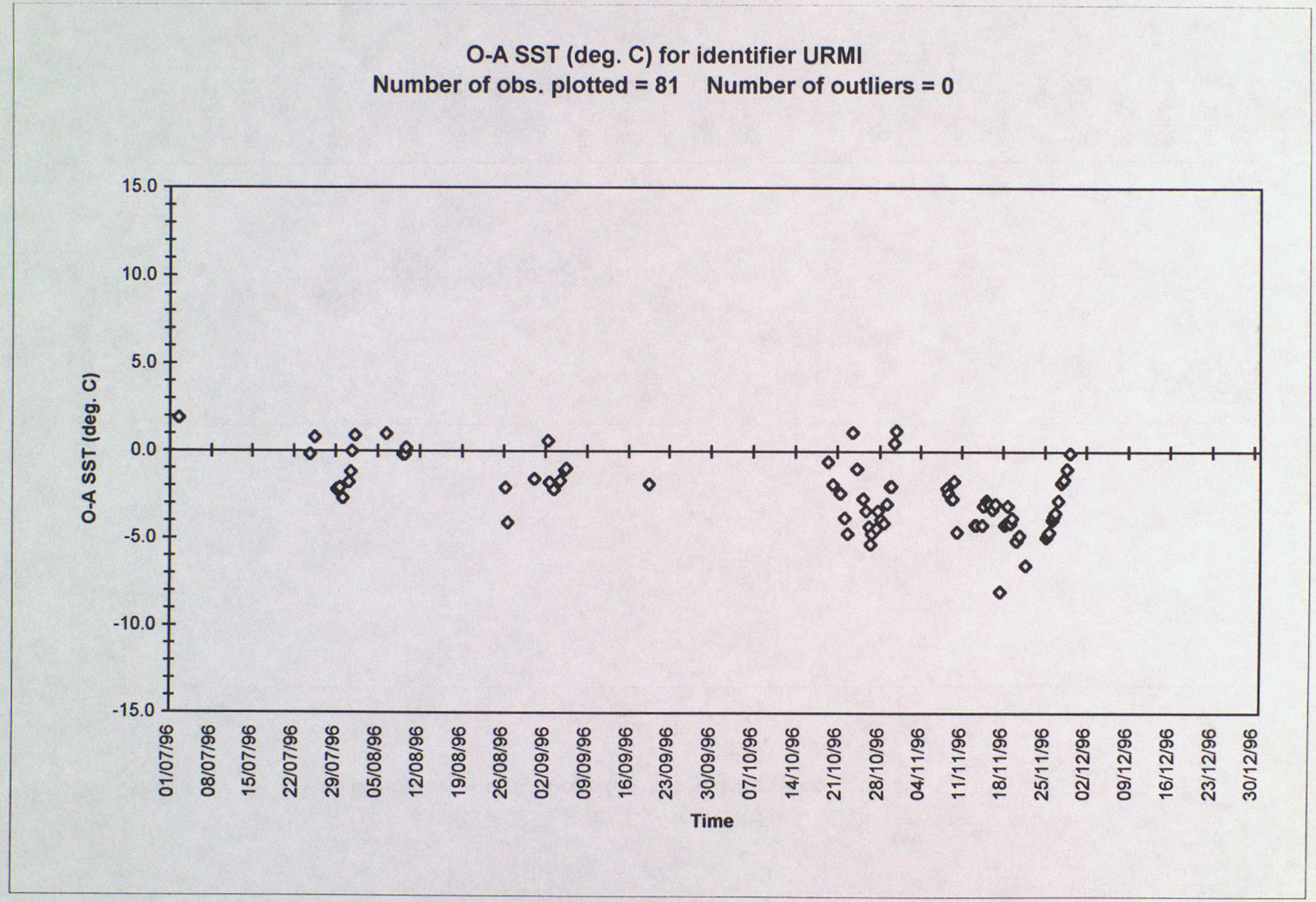

O-A SST (deg. C) for identifier PJSB
Number of obs. plotted = 93 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

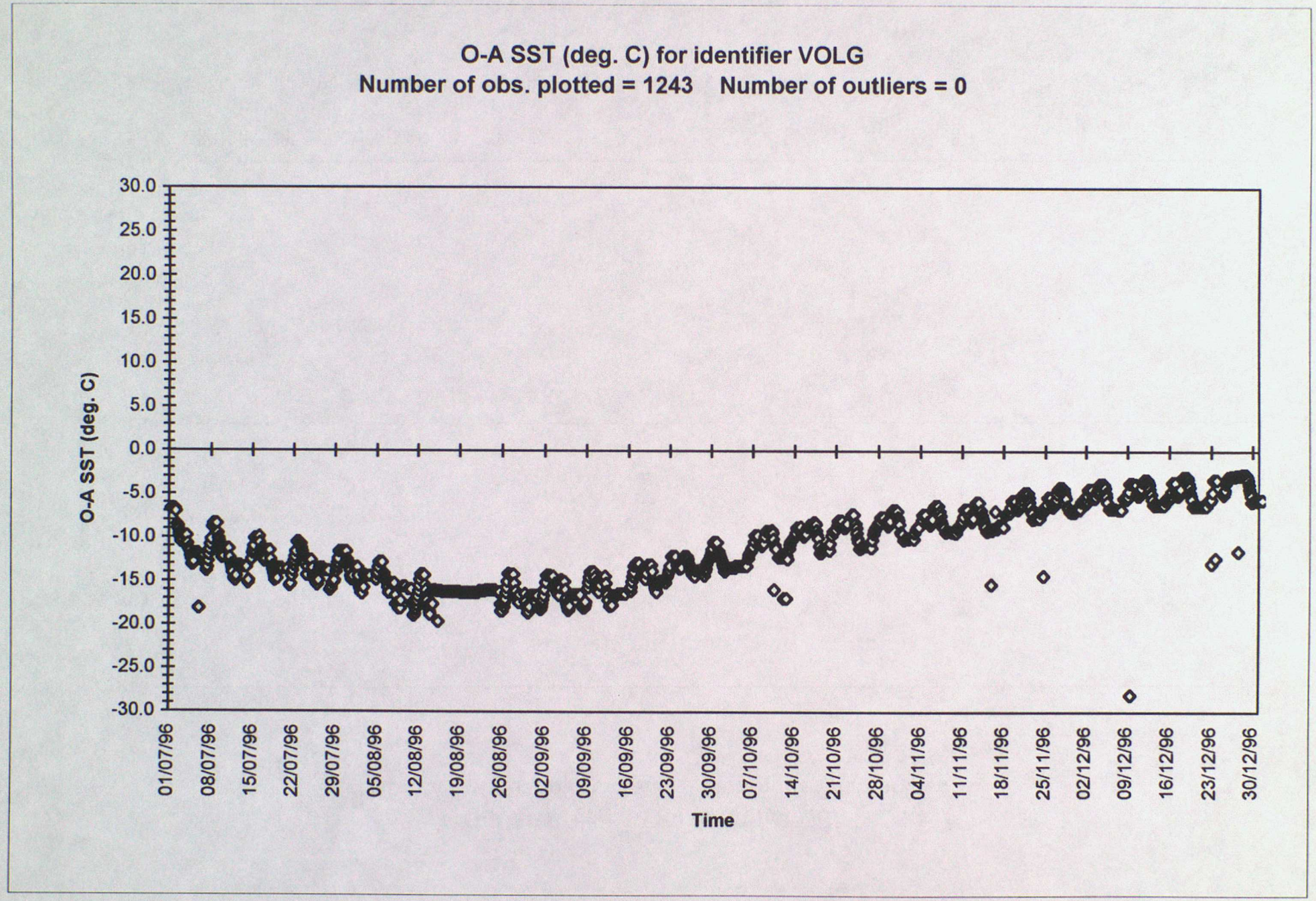

O-A SST (deg. C) for identifier UBAW
Number of obs. plotted = 46 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

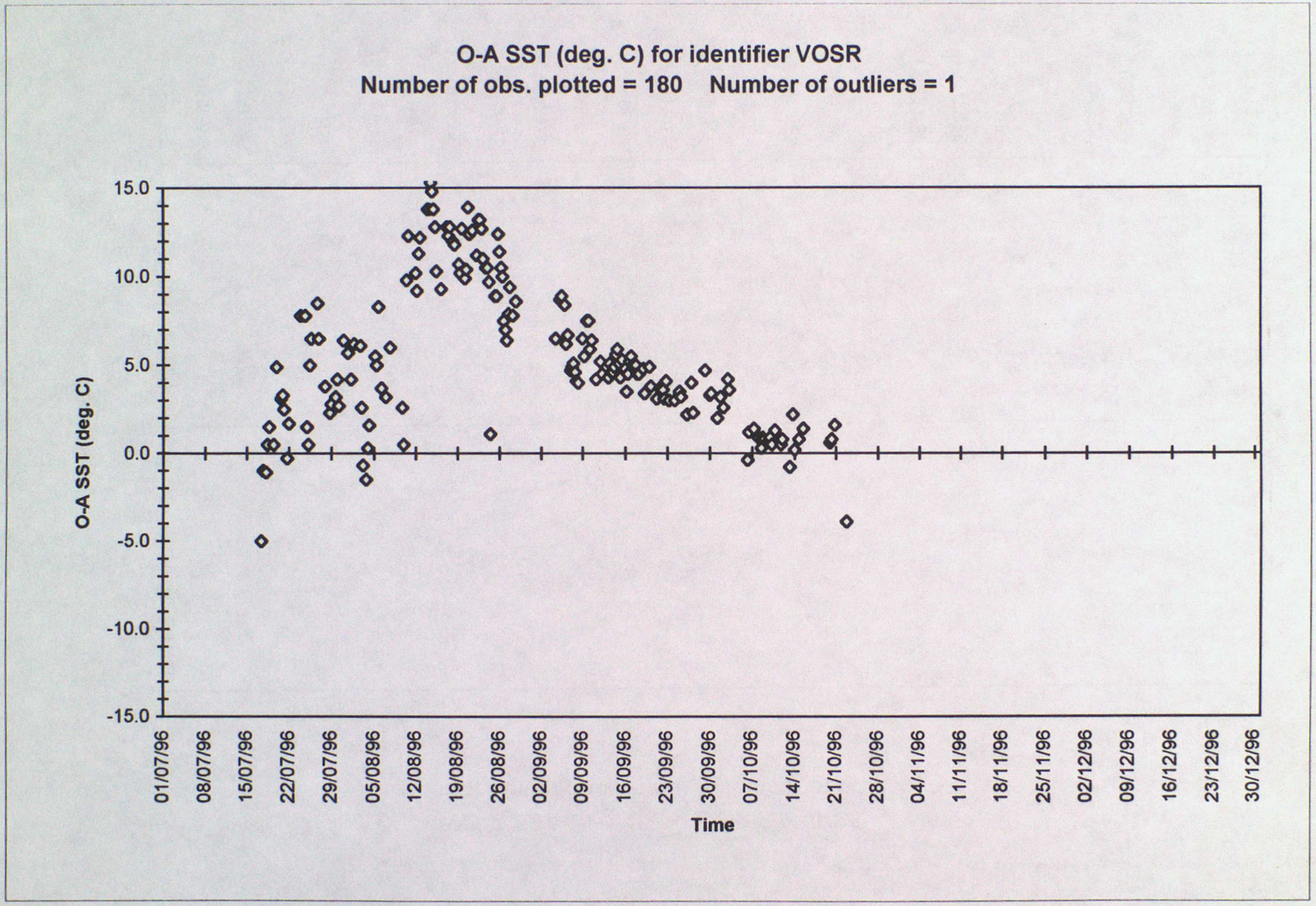

O-A SST (deg. C) for identifier UCOJ
Number of obs. plotted = 57 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

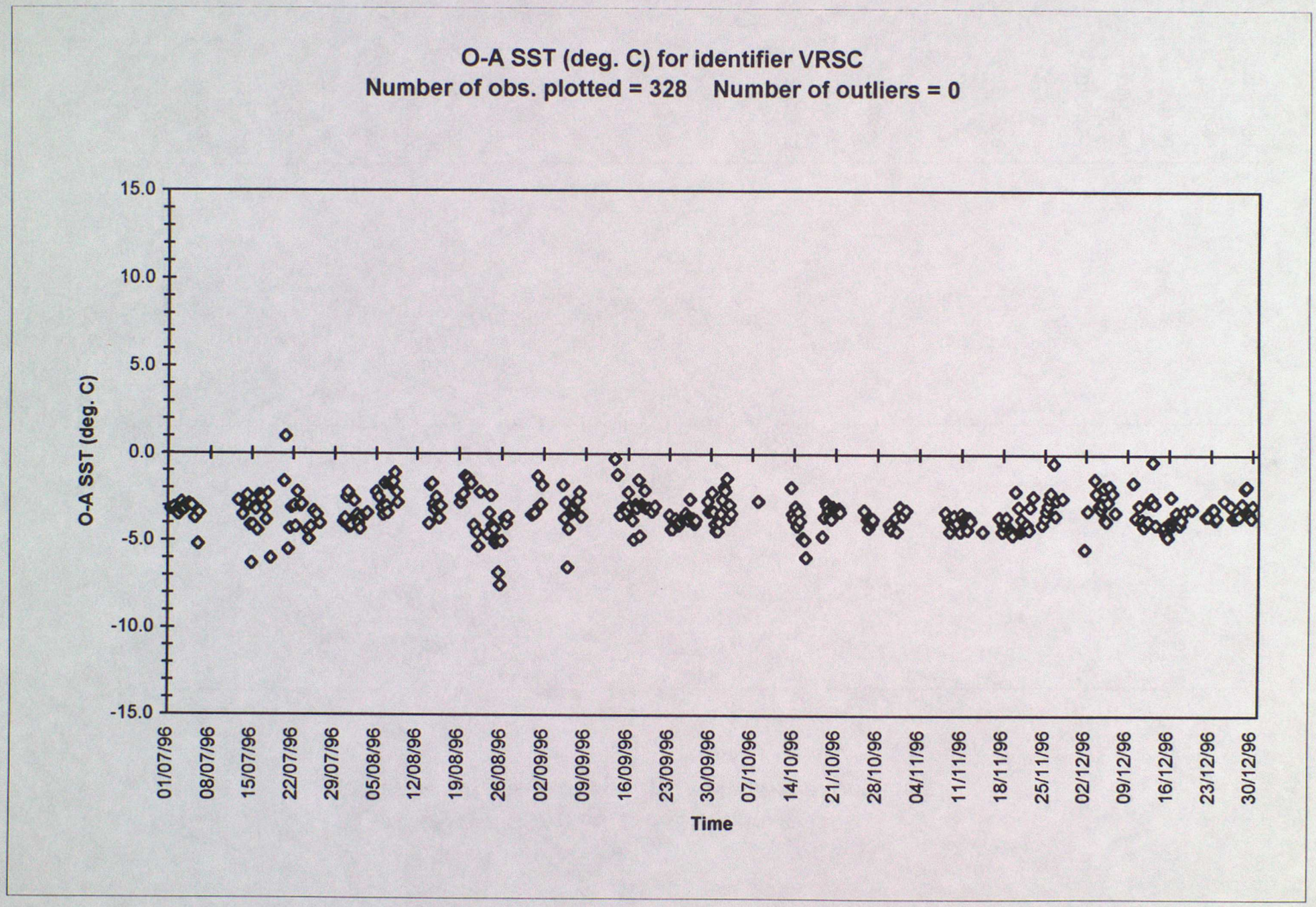

O-A SST (deg. C) for identifier URBX
Number of obs. plotted = 50 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

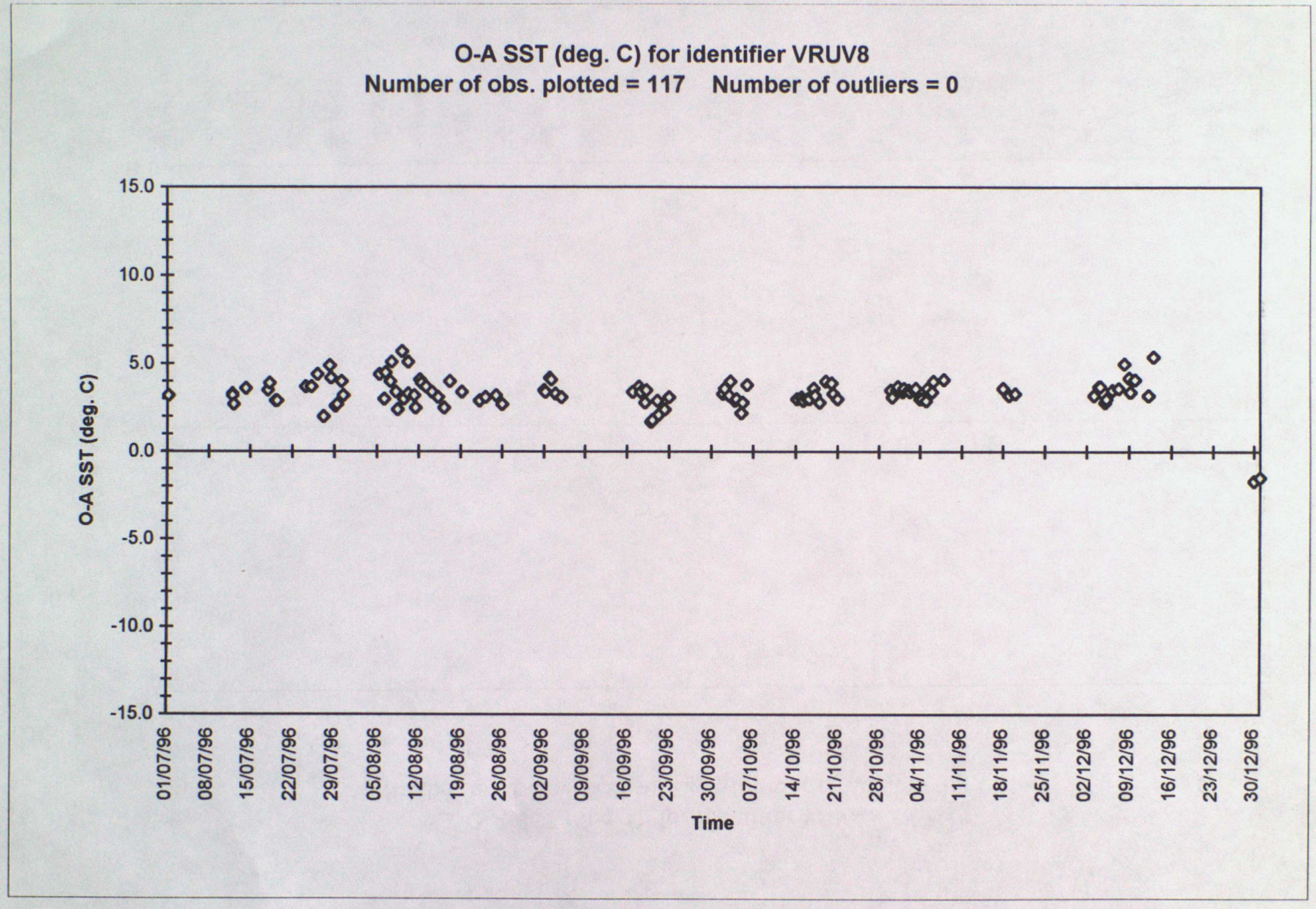

O-A SST (deg. C) for identifier URHJ
Number of obs. plotted = 136 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier URMI
Number of obs. plotted = 81 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier VOLG
Number of obs. plotted = 1243 Number of outliers = 0
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier VOSR
Number of obs. plotted = 180 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier VRSC
Number of obs. plotted = 328 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier VRUV8
Number of obs. plotted = 117 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-A SST (deg. C) for identifier VRVA7
Number of obs. plotted = 122 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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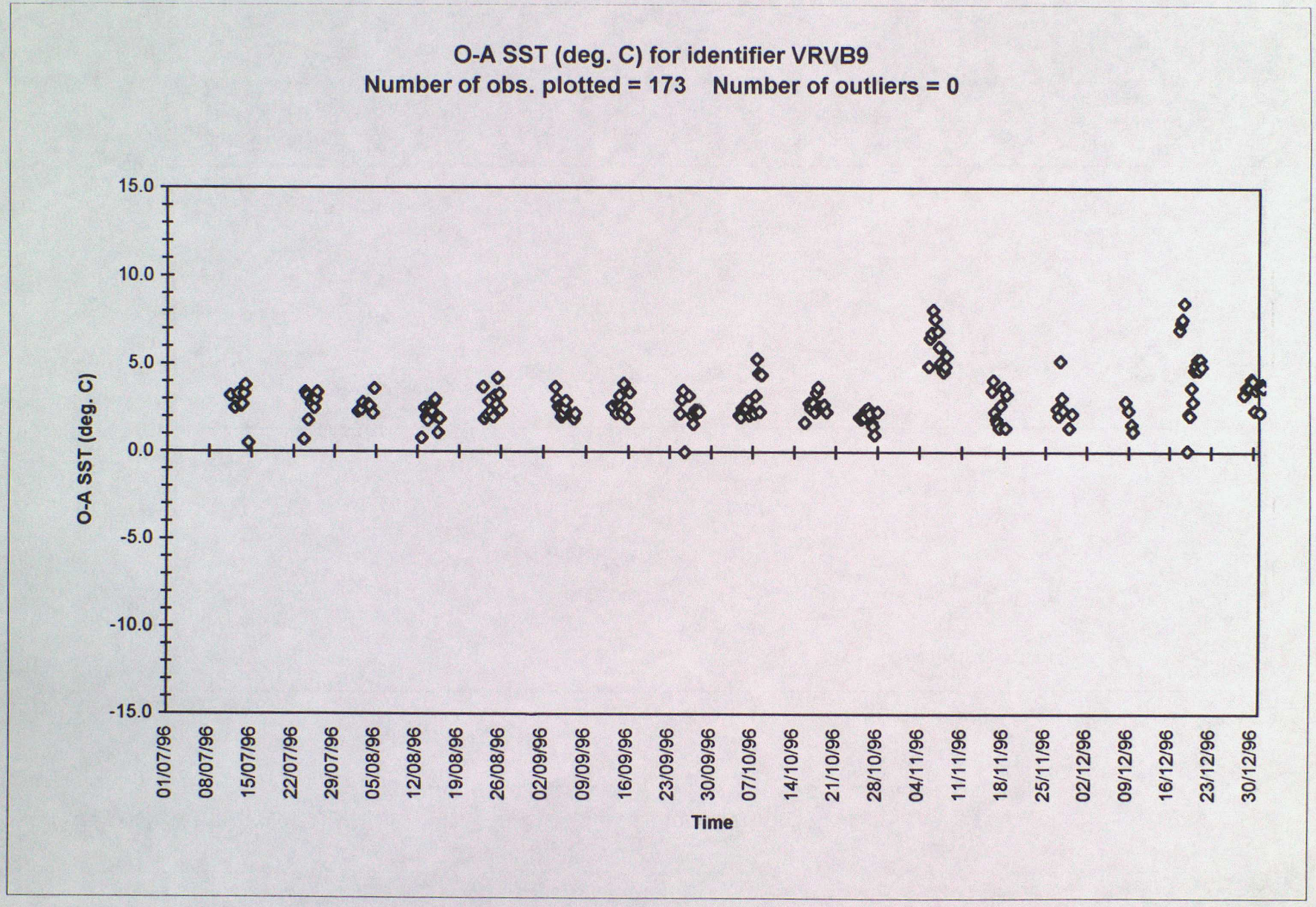
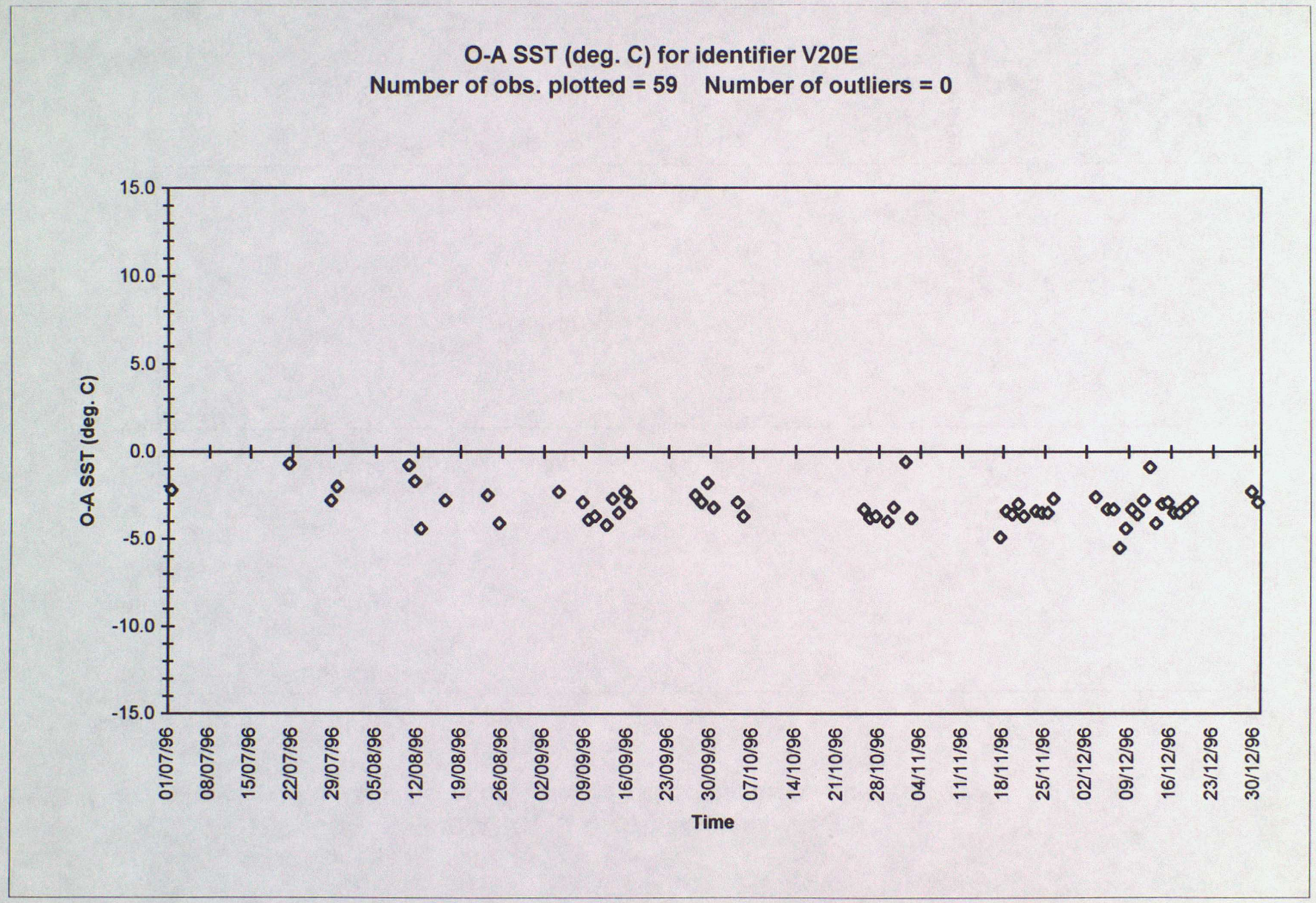
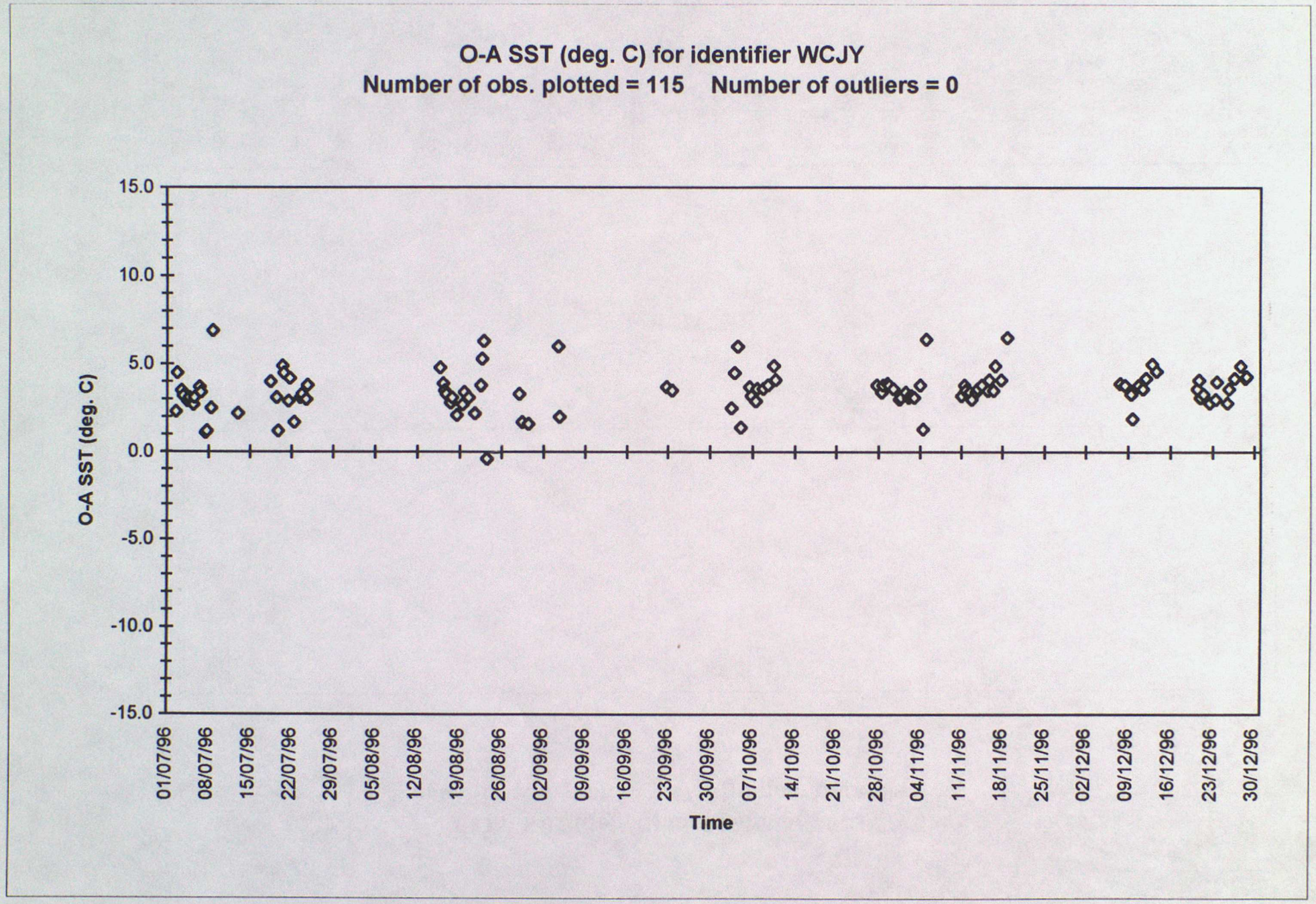
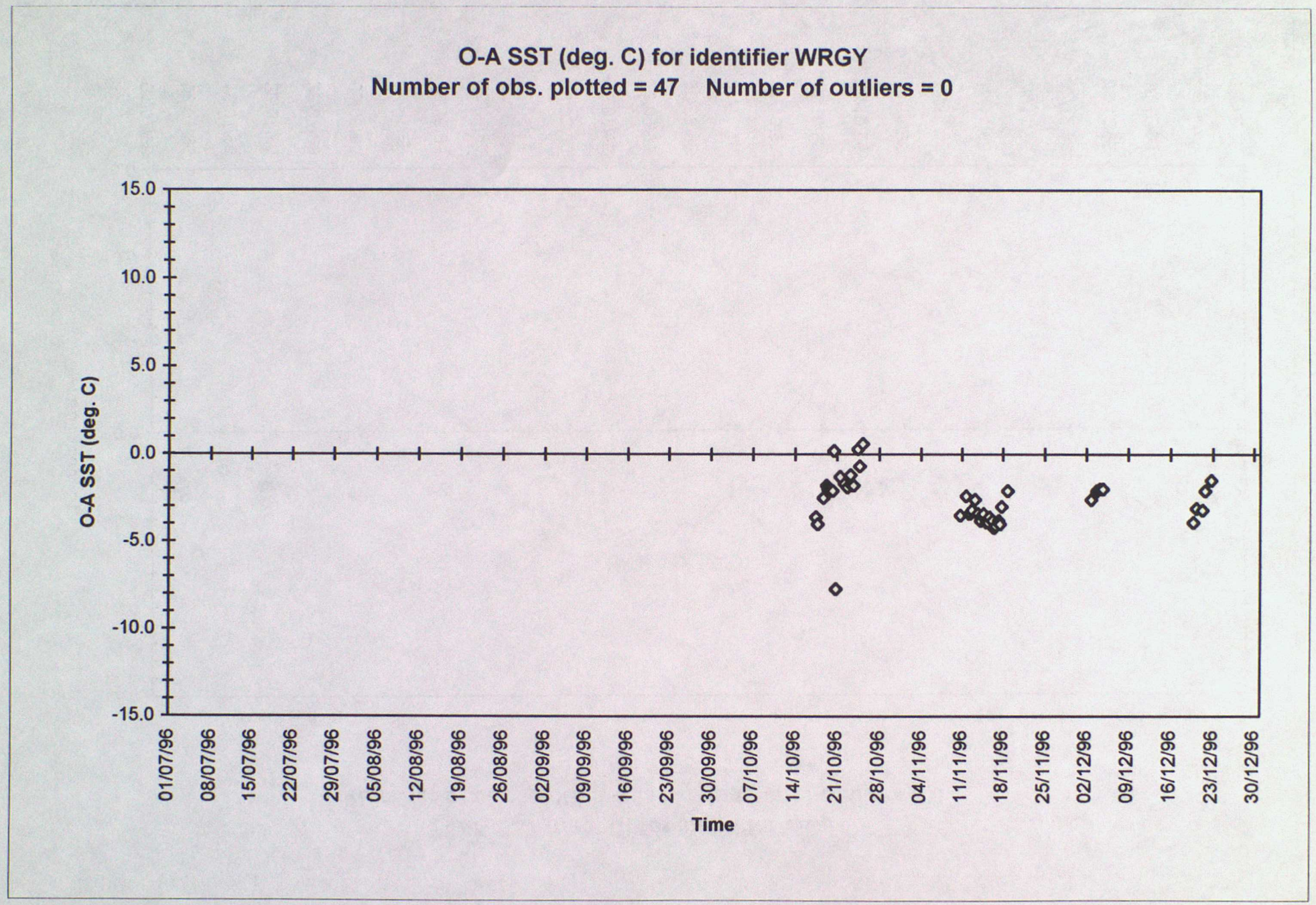
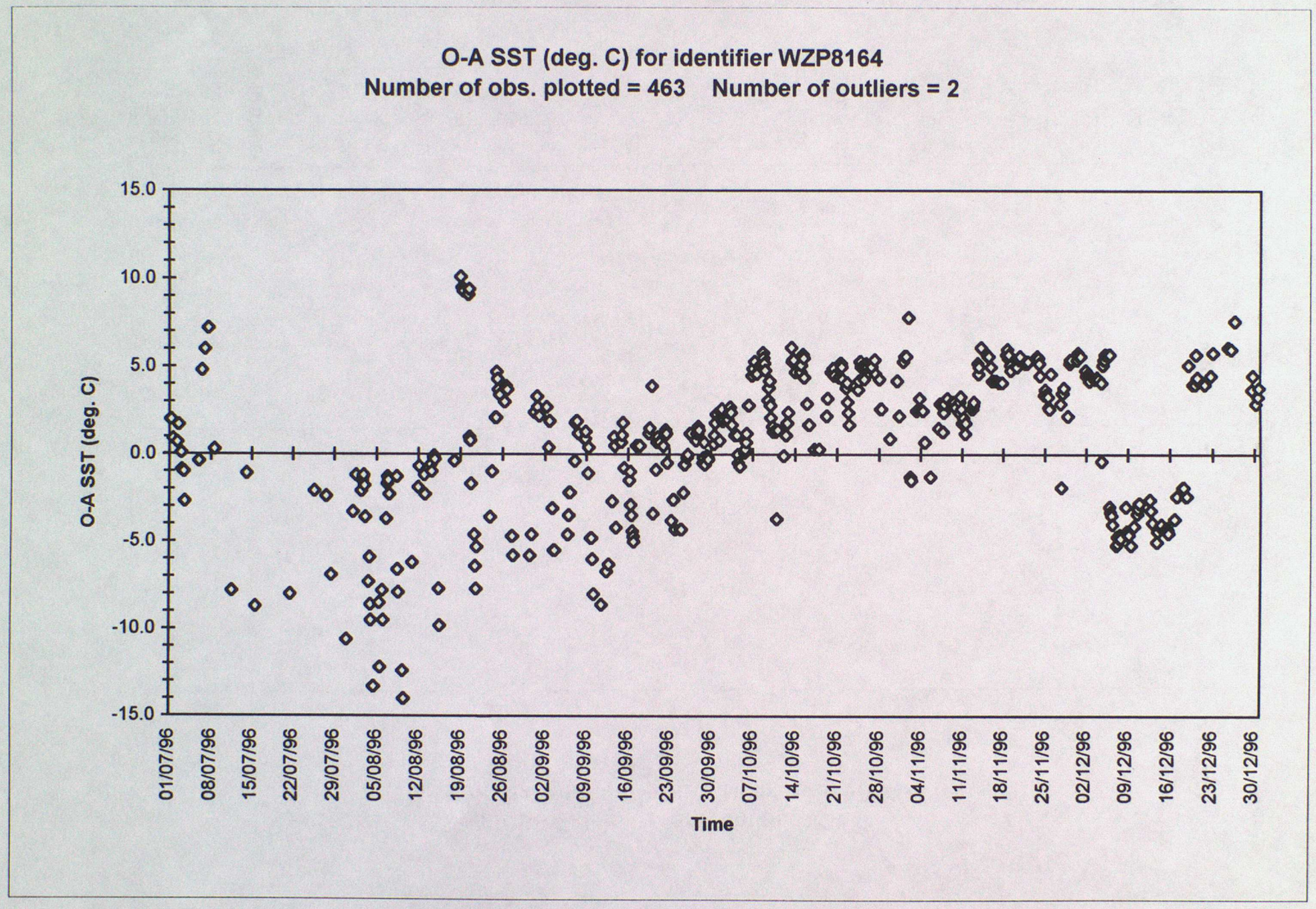
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96

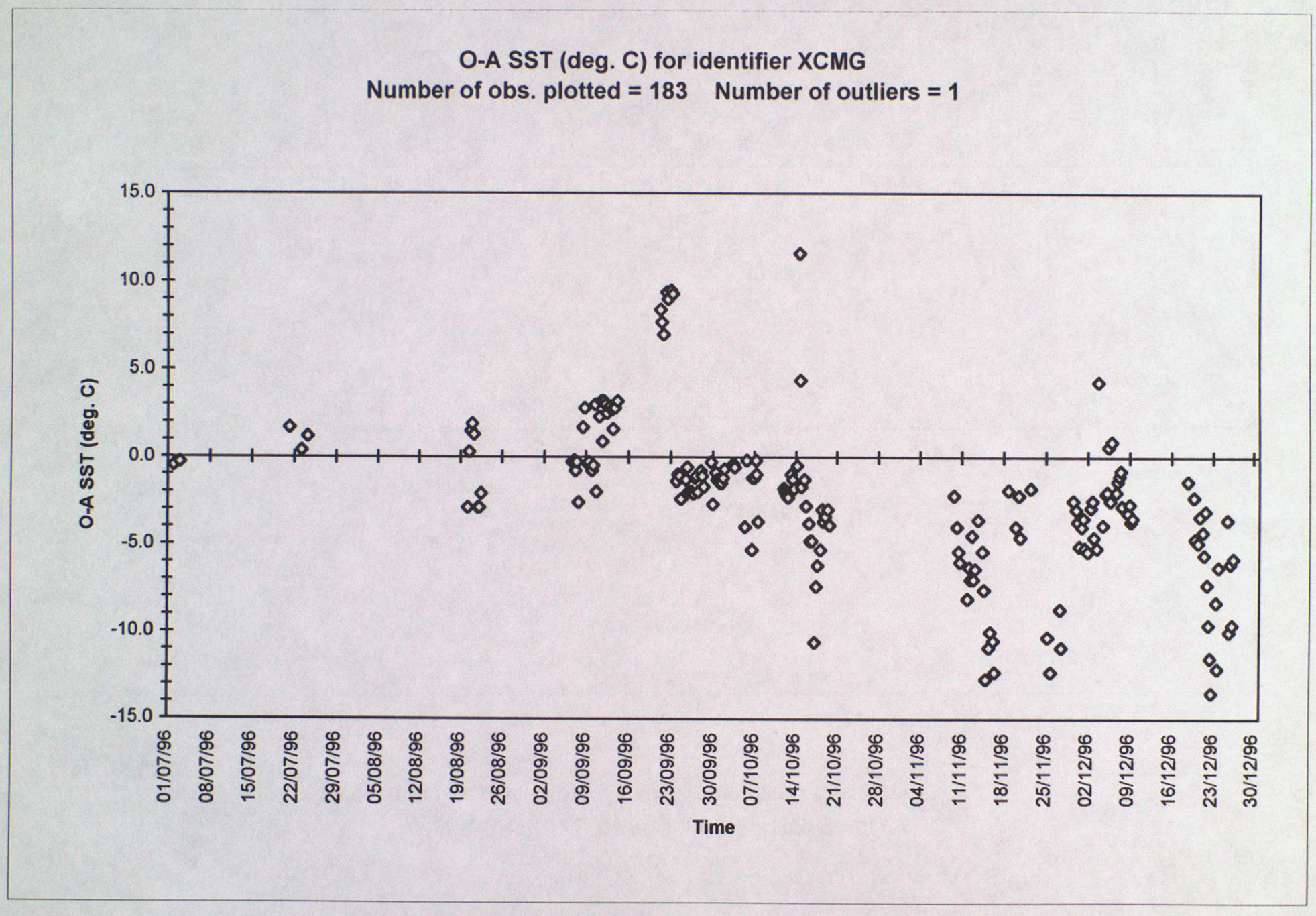

O-A SST (deg. C) for identifier VRVB9
Number of obs. plotted = 173 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

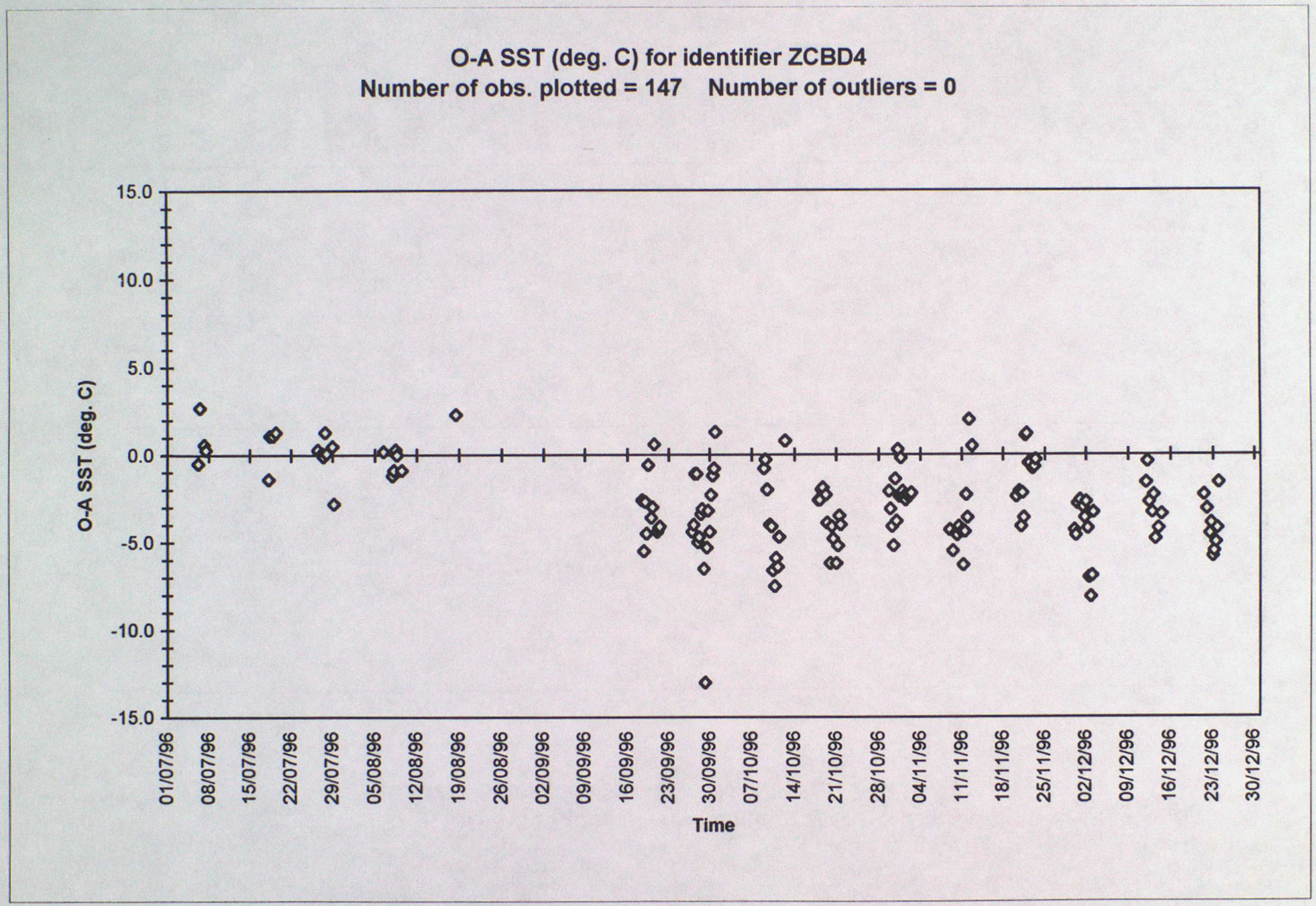

O-A SST (deg. C) for identifier V20E
Number of obs. plotted = 59 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

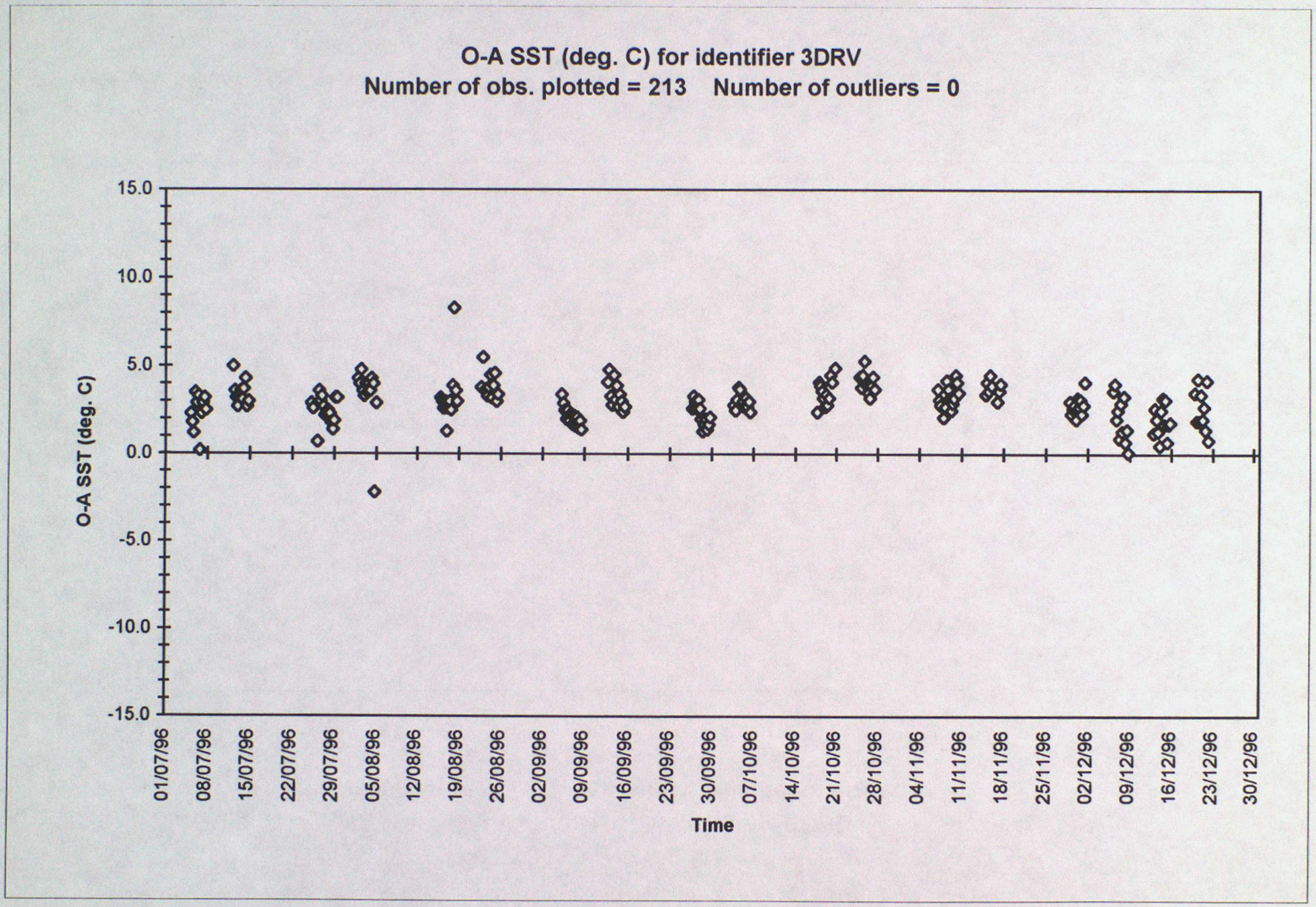

O-A SST (deg. C) for identifier WCJY
Number of obs. plotted = 115 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

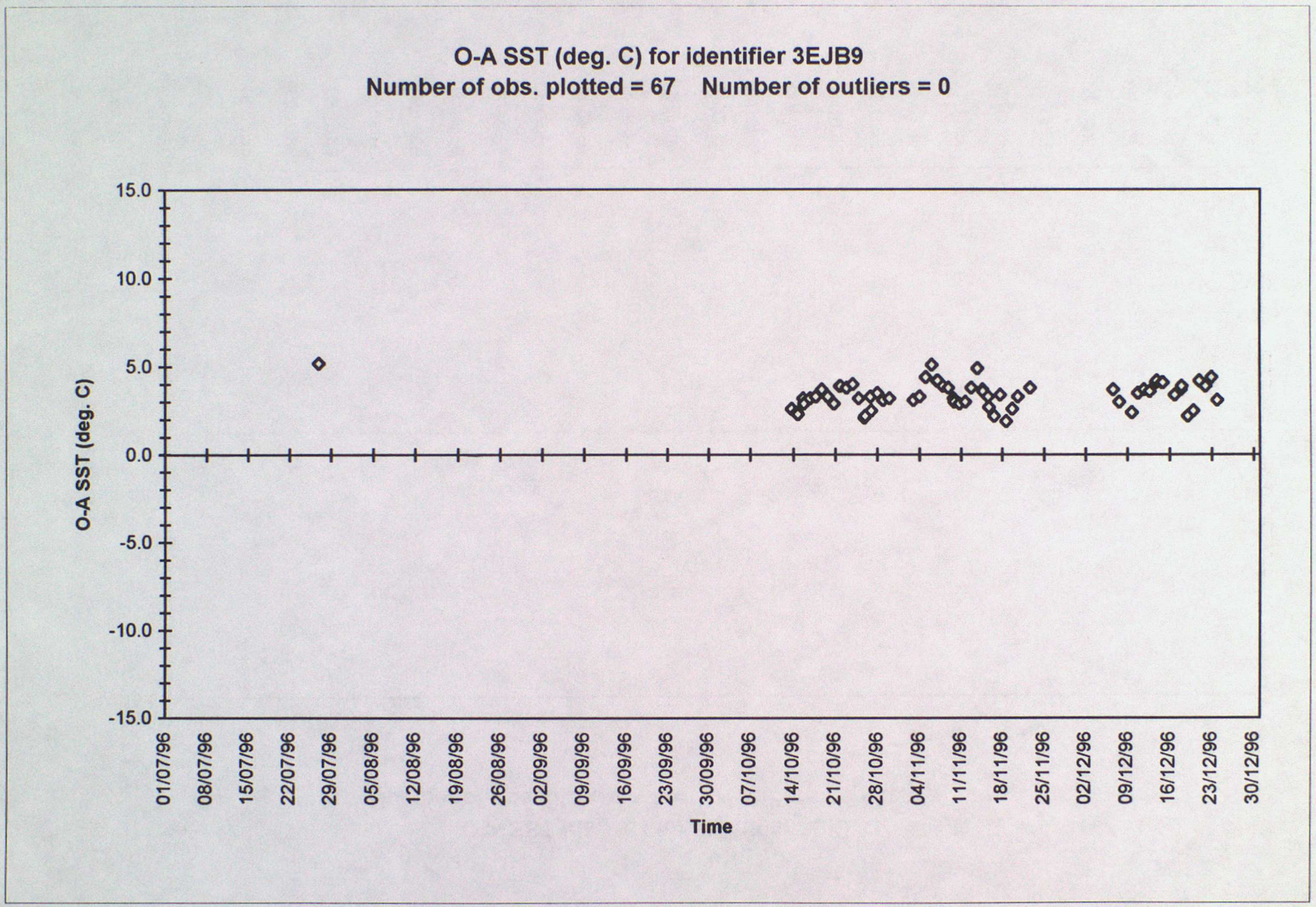

O-A SST (deg. C) for identifier WRGY
Number of obs. plotted = 47 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

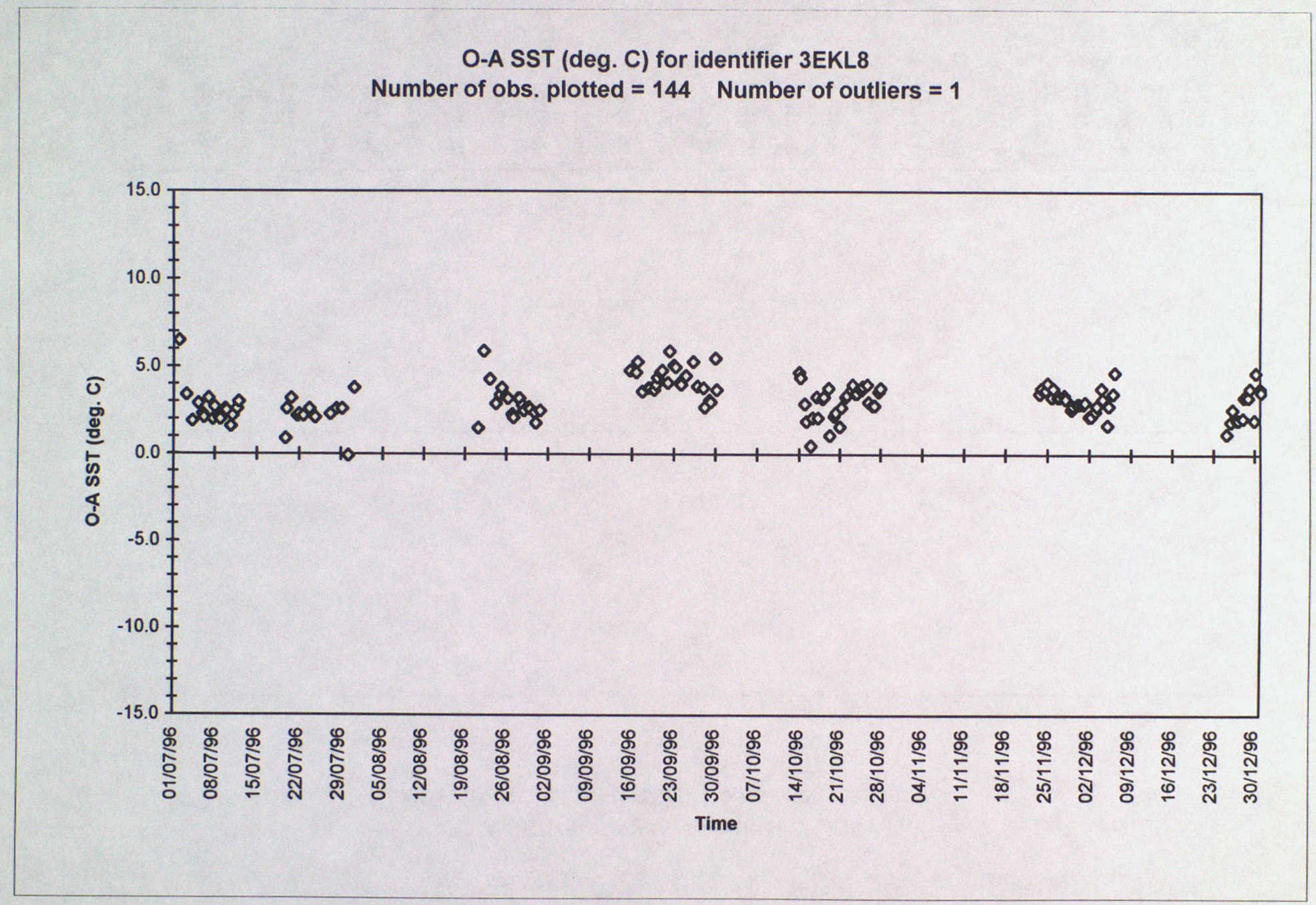

O-A SST (deg. C) for identifier WZP8164
Number of obs. plotted = 463 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

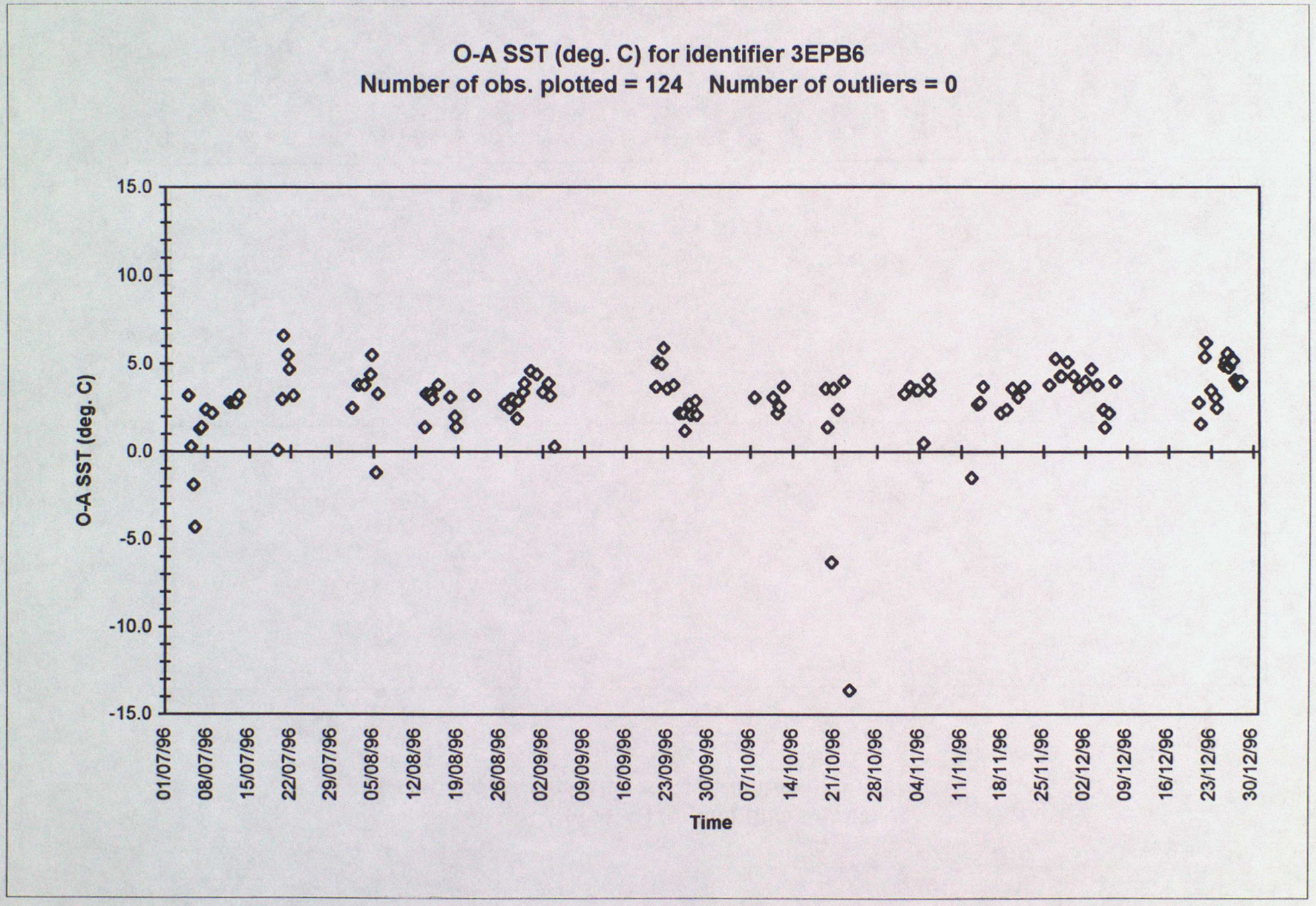

O-A SST (deg. C) for identifier XCMG
Number of obs. plotted = 183 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

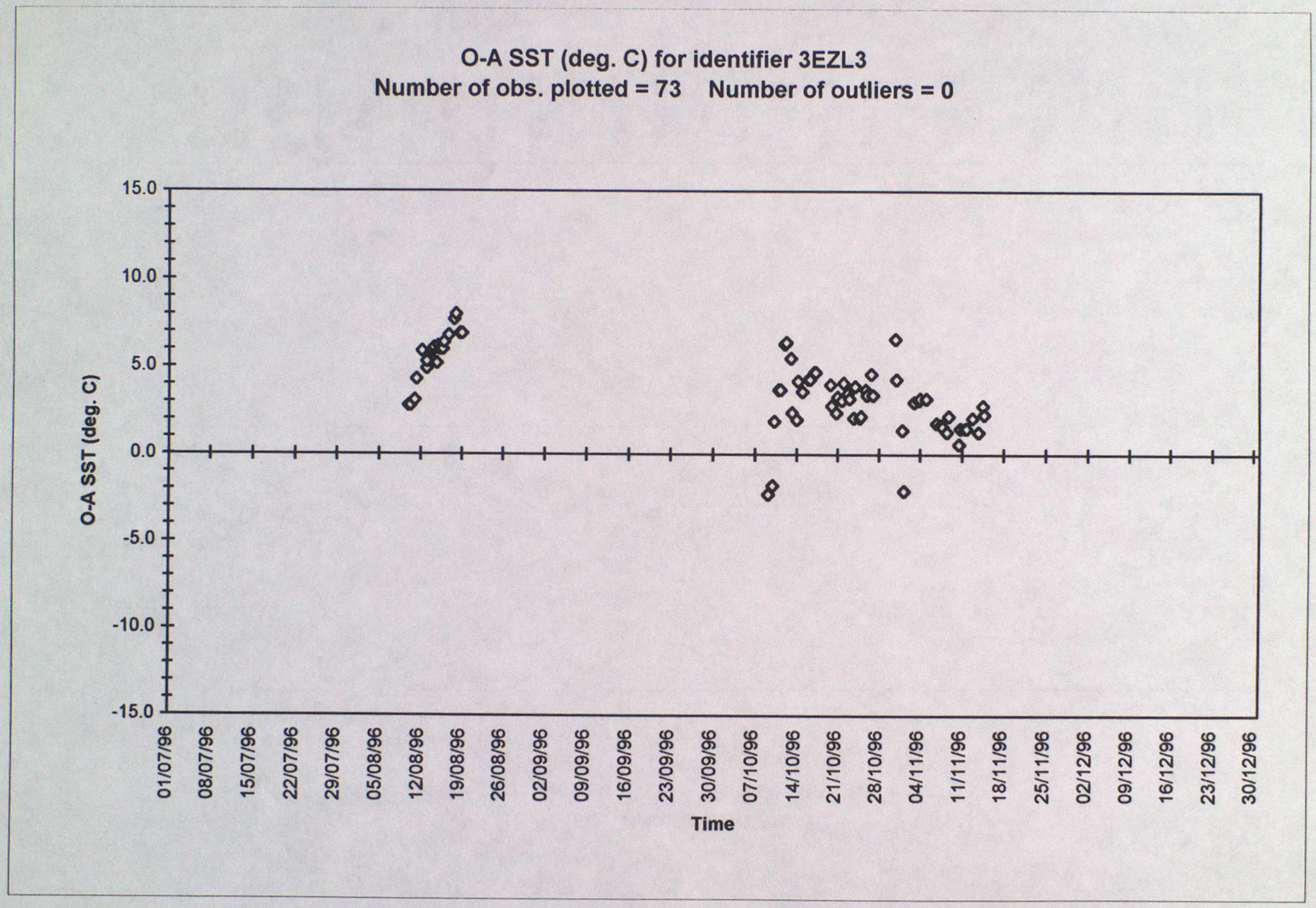

O-A SST (deg. C) for identifier ZCBD4
Number of obs. plotted = 147 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

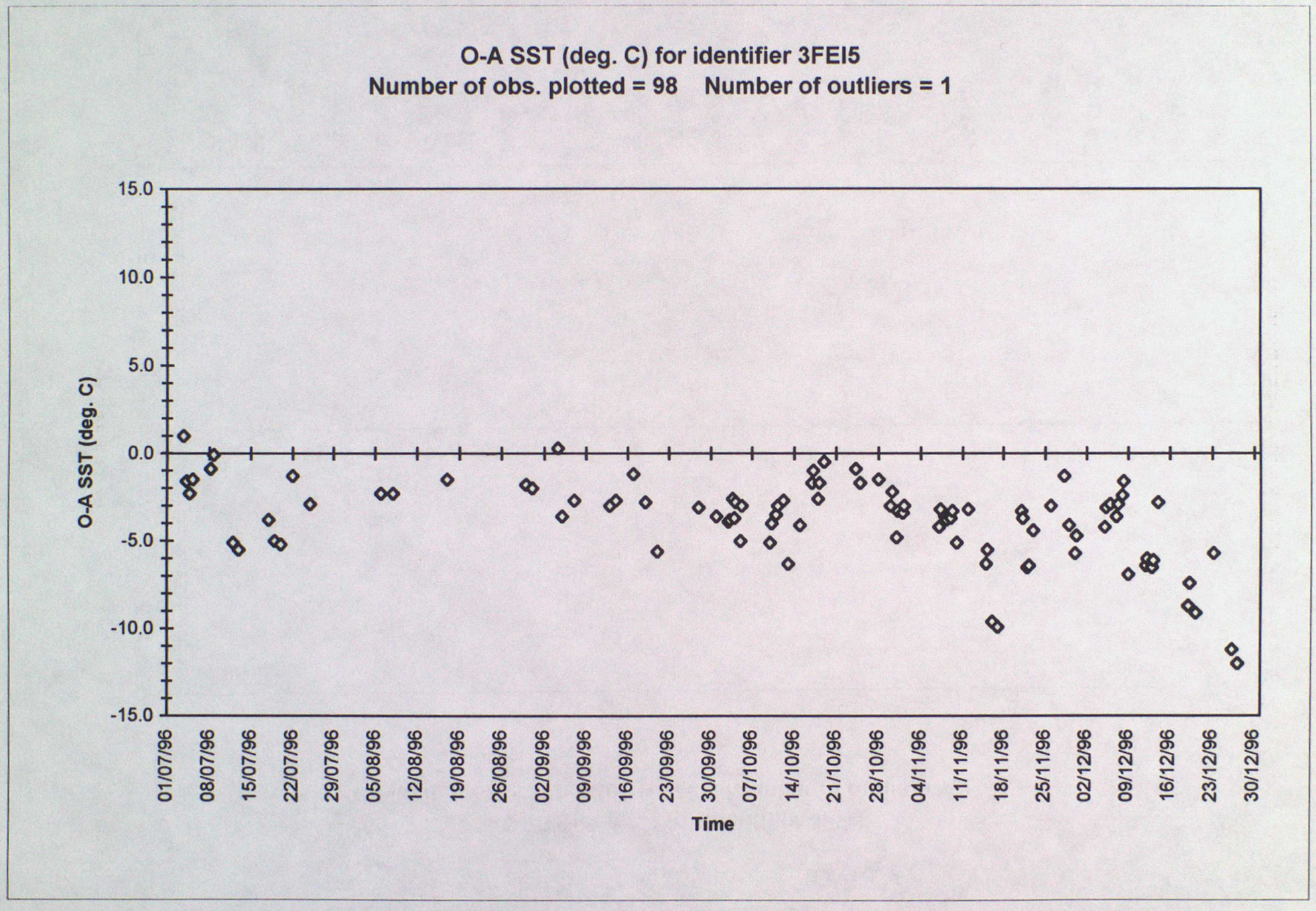

O-A SST (deg. C) for identifier 3DRV
Number of obs. plotted = 213 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

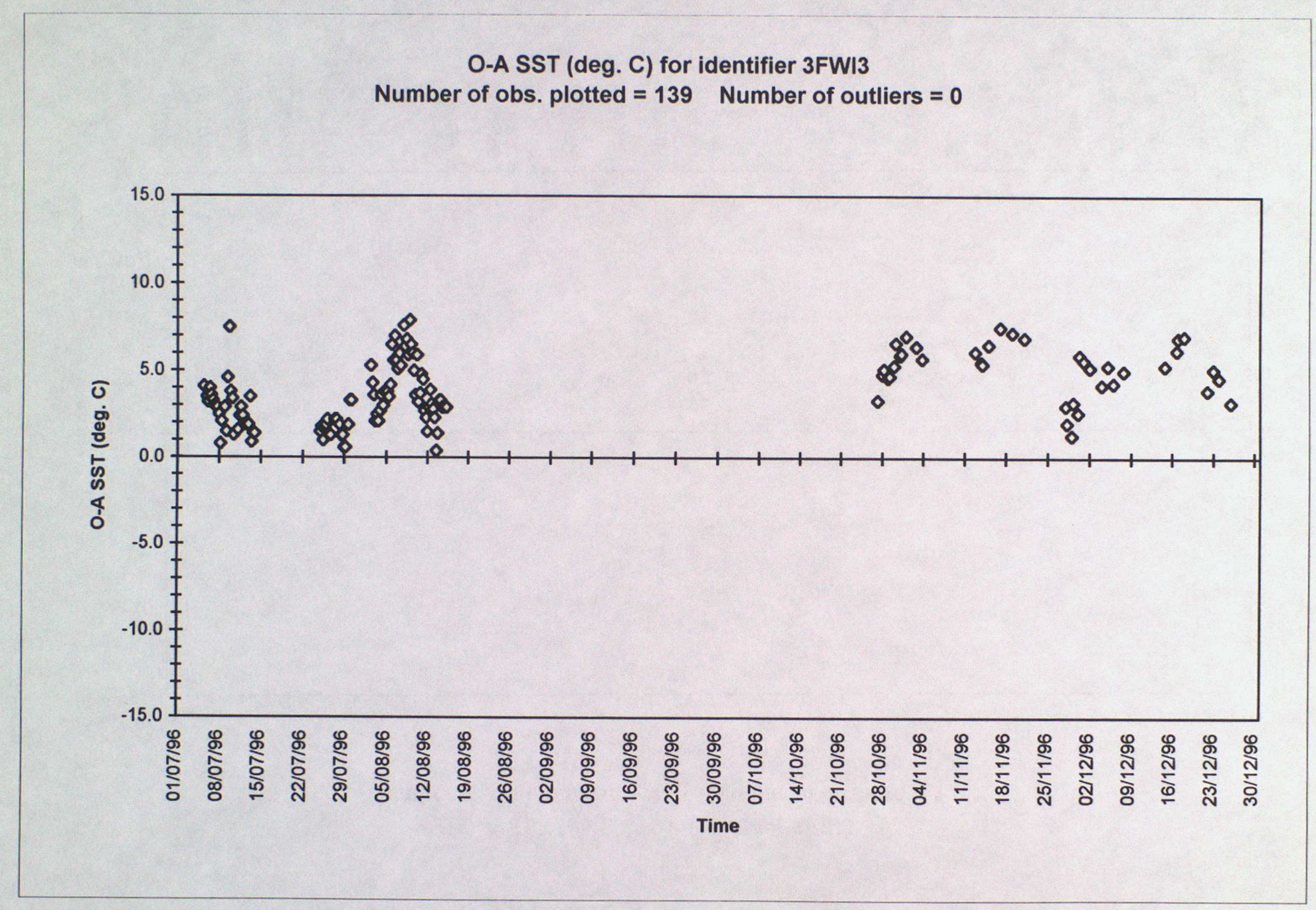

O-A SST (deg. C) for identifier 3EJB9
Number of obs. plotted = 67 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

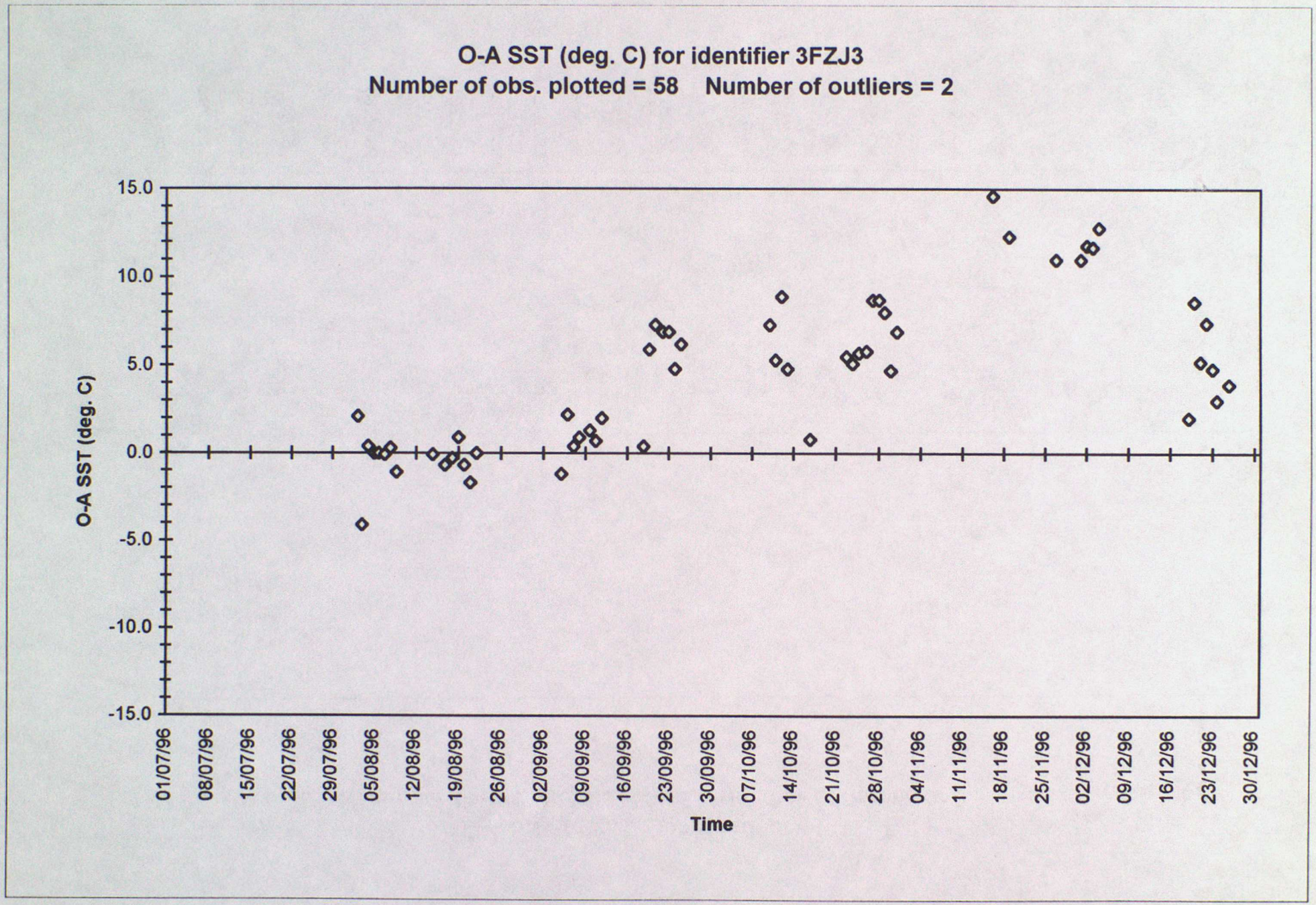

O-A SST (deg. C) for identifier 3EKL8
Number of obs. plotted = 144 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

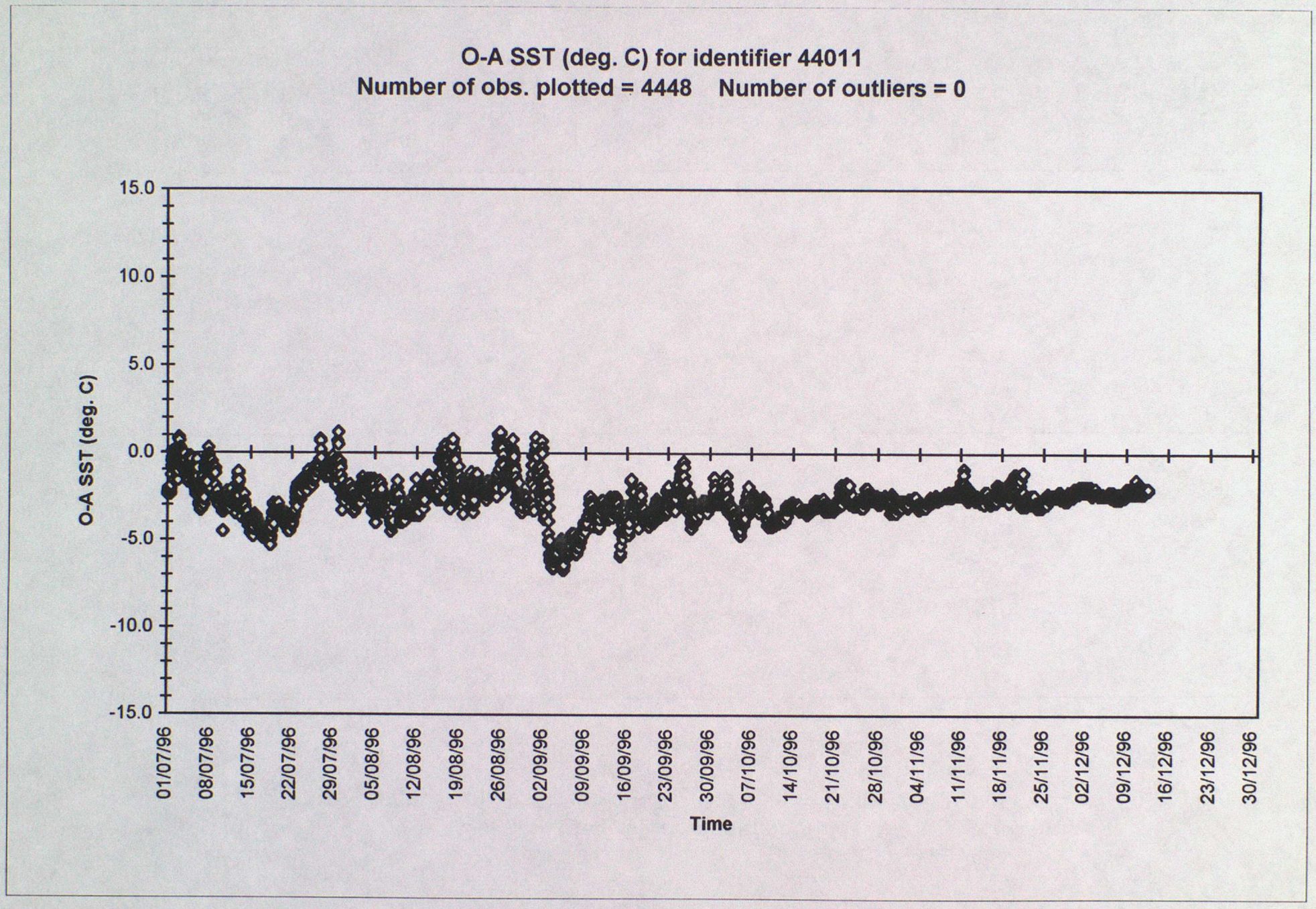

O-A SST (deg. C) for identifier 3EPB6
Number of obs. plotted = 124 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

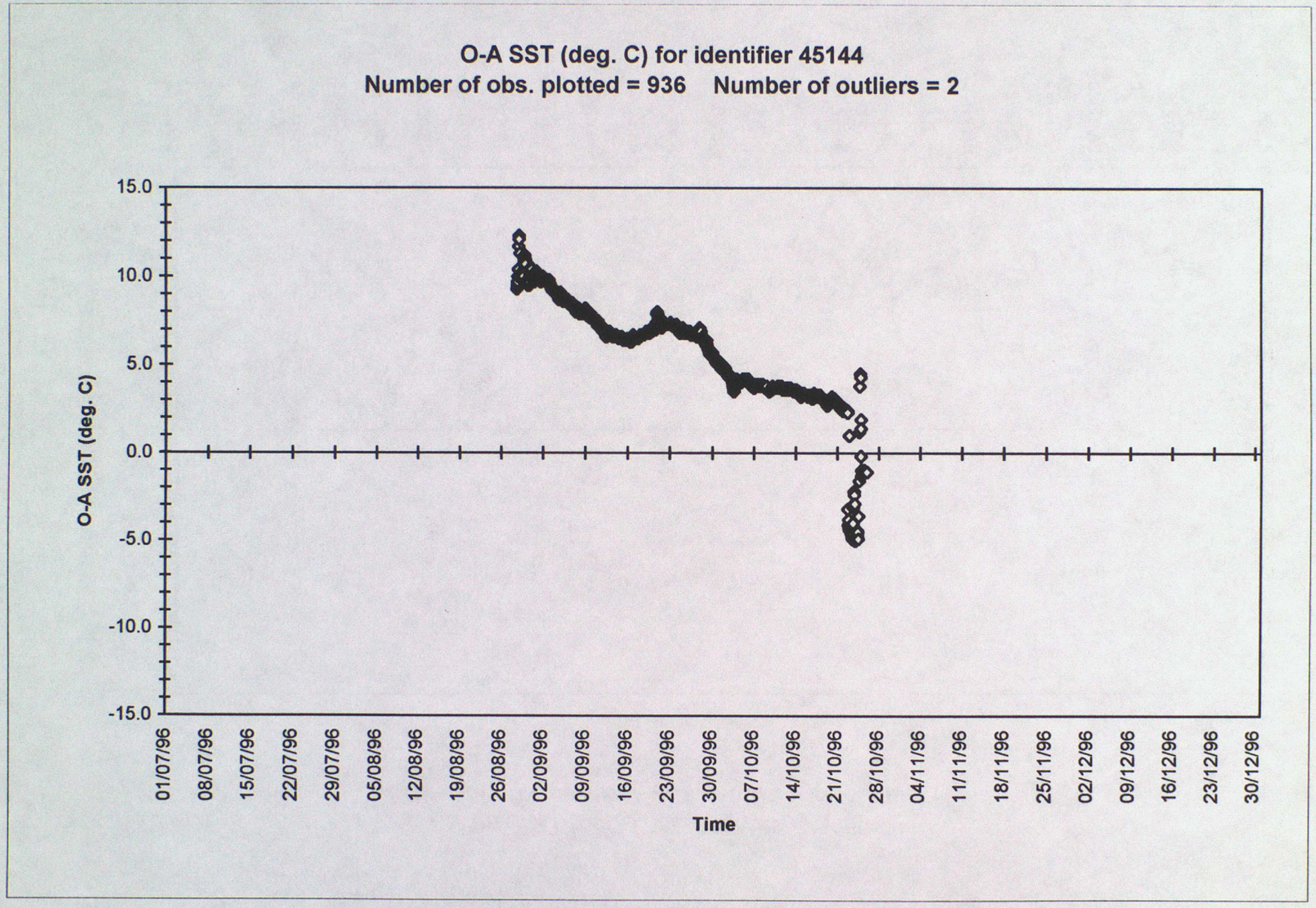

O-A SST (deg. C) for identifier 3EZL3
Number of obs. plotted = 73 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

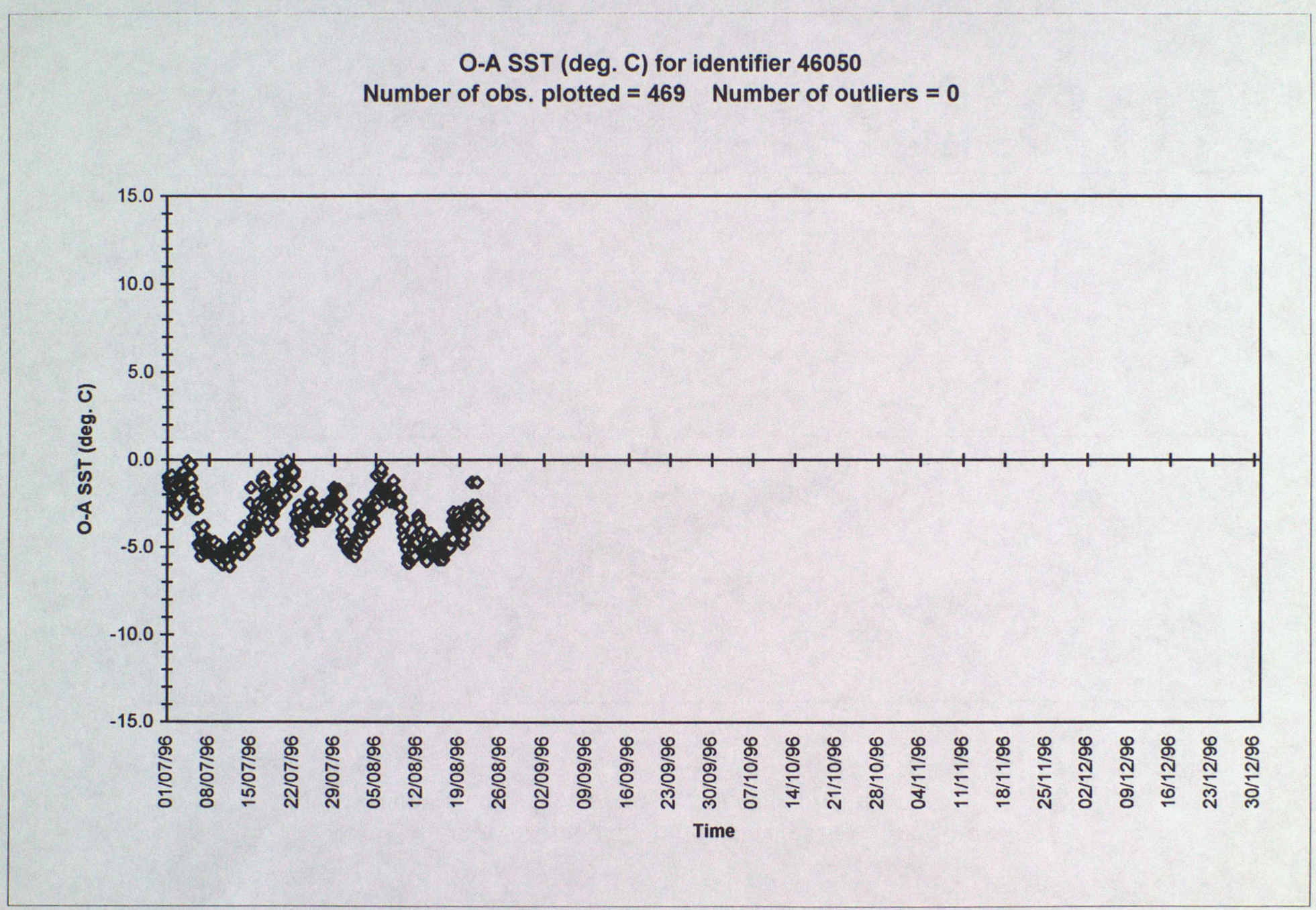

O-A SST (deg. C) for identifier 3FEI5
Number of obs. plotted = 98 Number of outliers = 1
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

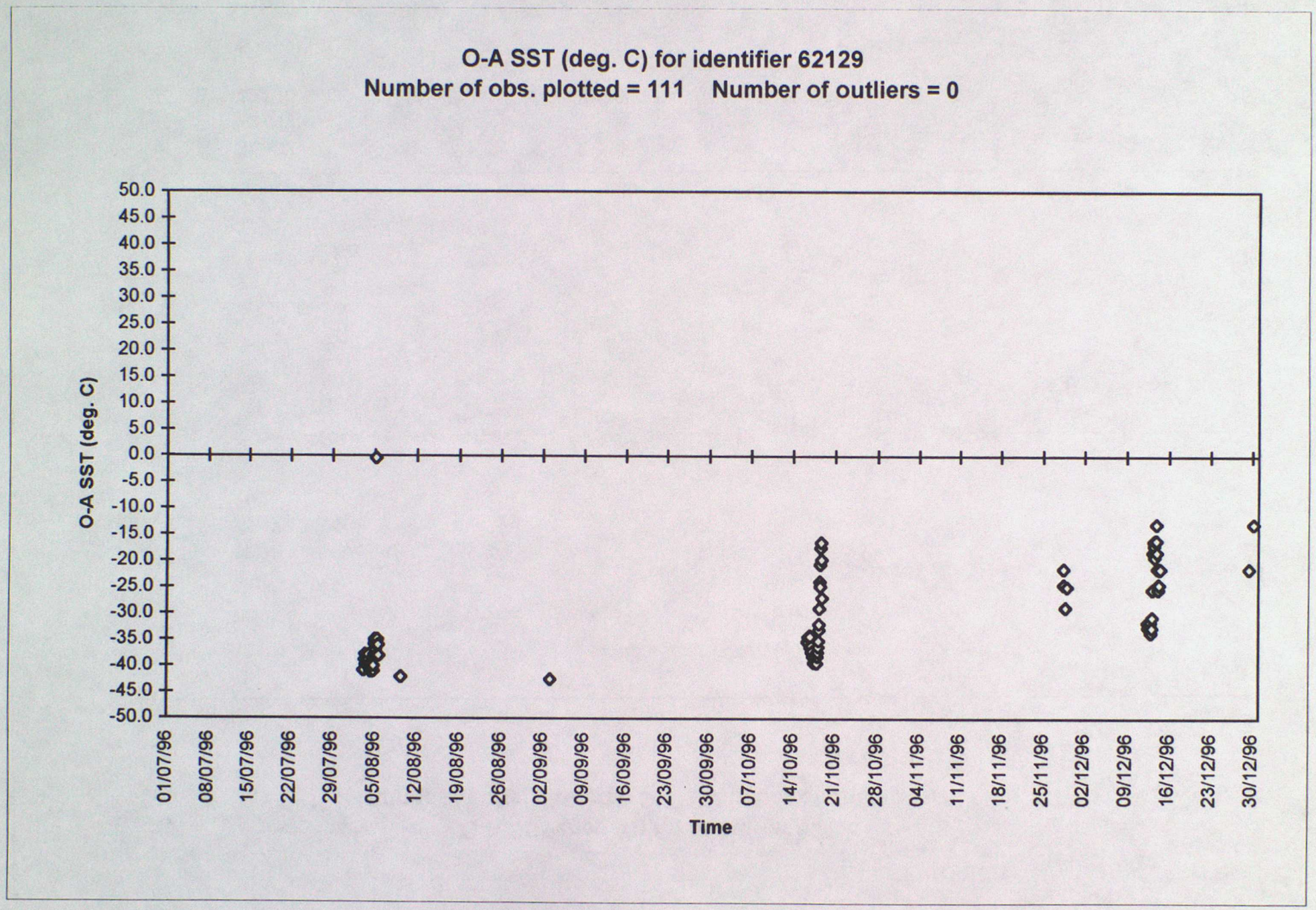

O-A SST (deg. C) for identifier 3FWI3
Number of obs. plotted = 139 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 3FZJ3
Number of obs. plotted = 58 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 44011
Number of obs. plotted = 4448 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 45144
Number of obs. plotted = 936 Number of outliers = 2
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 46050
Number of obs. plotted = 469 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 62129
Number of obs. plotted = 111 Number of outliers = 0
O-A SST (deg. C)
50.0
45.0
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
-35.0
-40.0
-45.0
-50.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time

O-A SST (deg. C) for identifier 63111
Number of obs. plotted = 547 Number of outliers = 10
O-A SST (deg. C)
30.0
25.0
20.0
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
-20.0
-25.0
-30.0
Time
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
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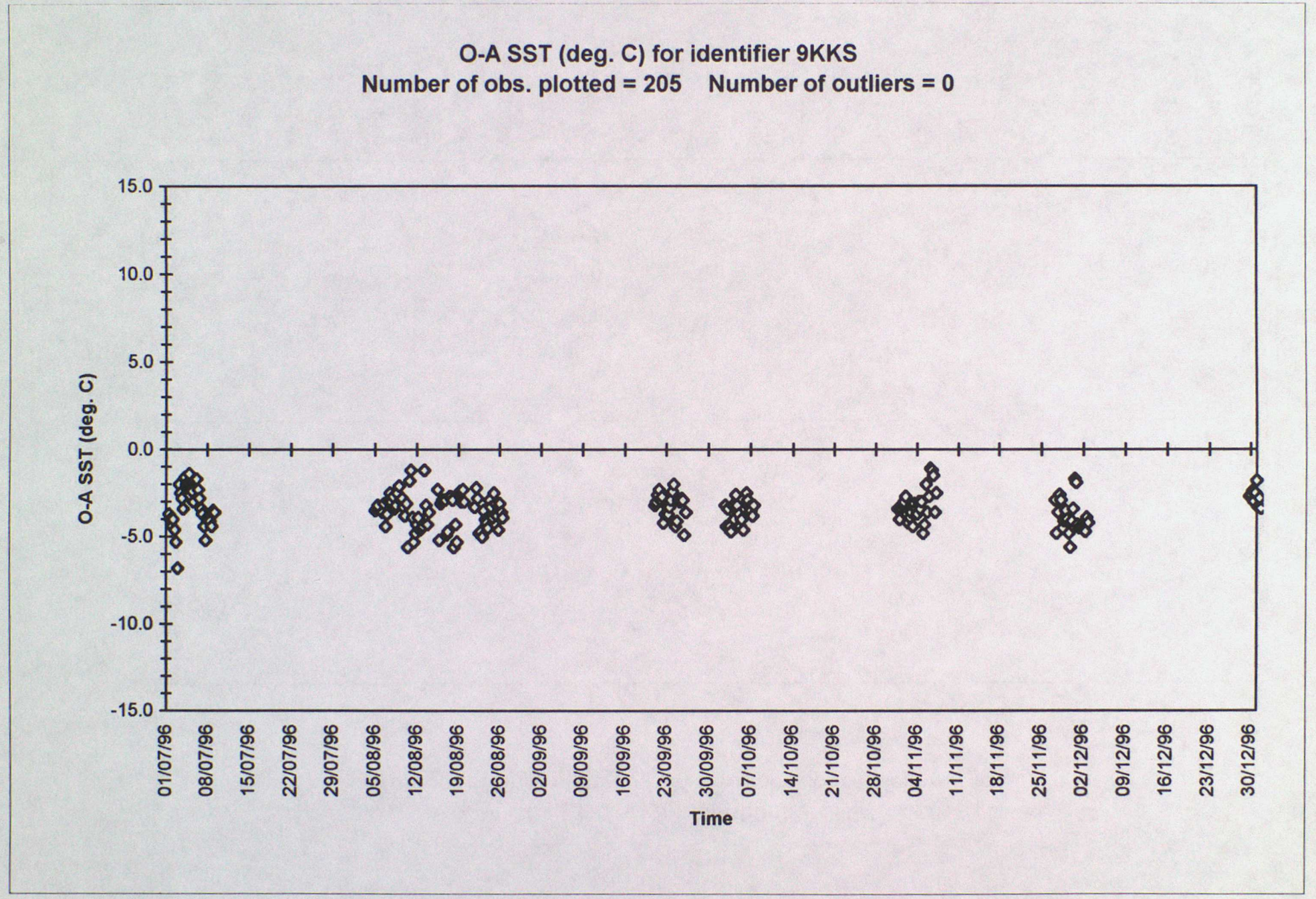
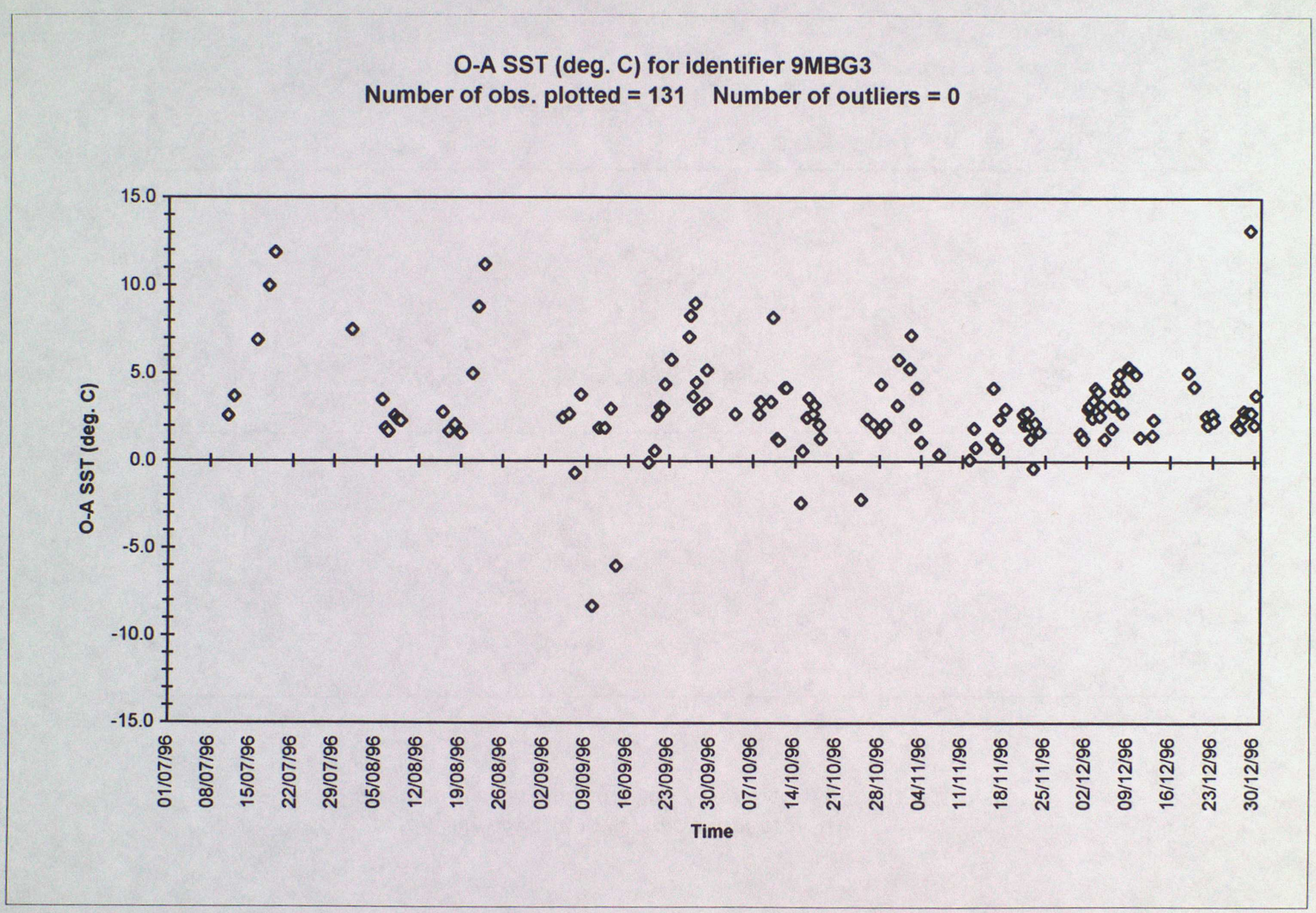
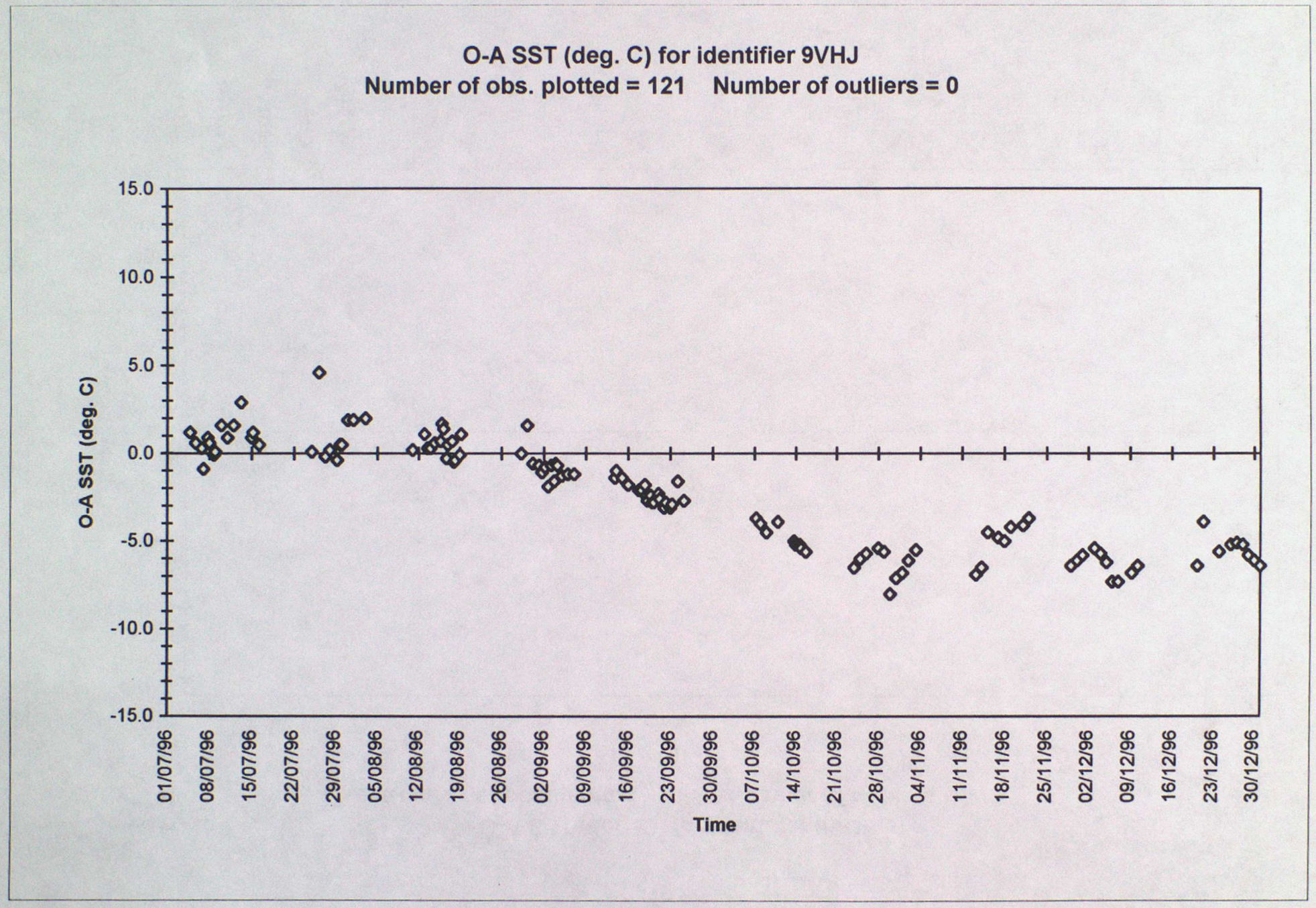
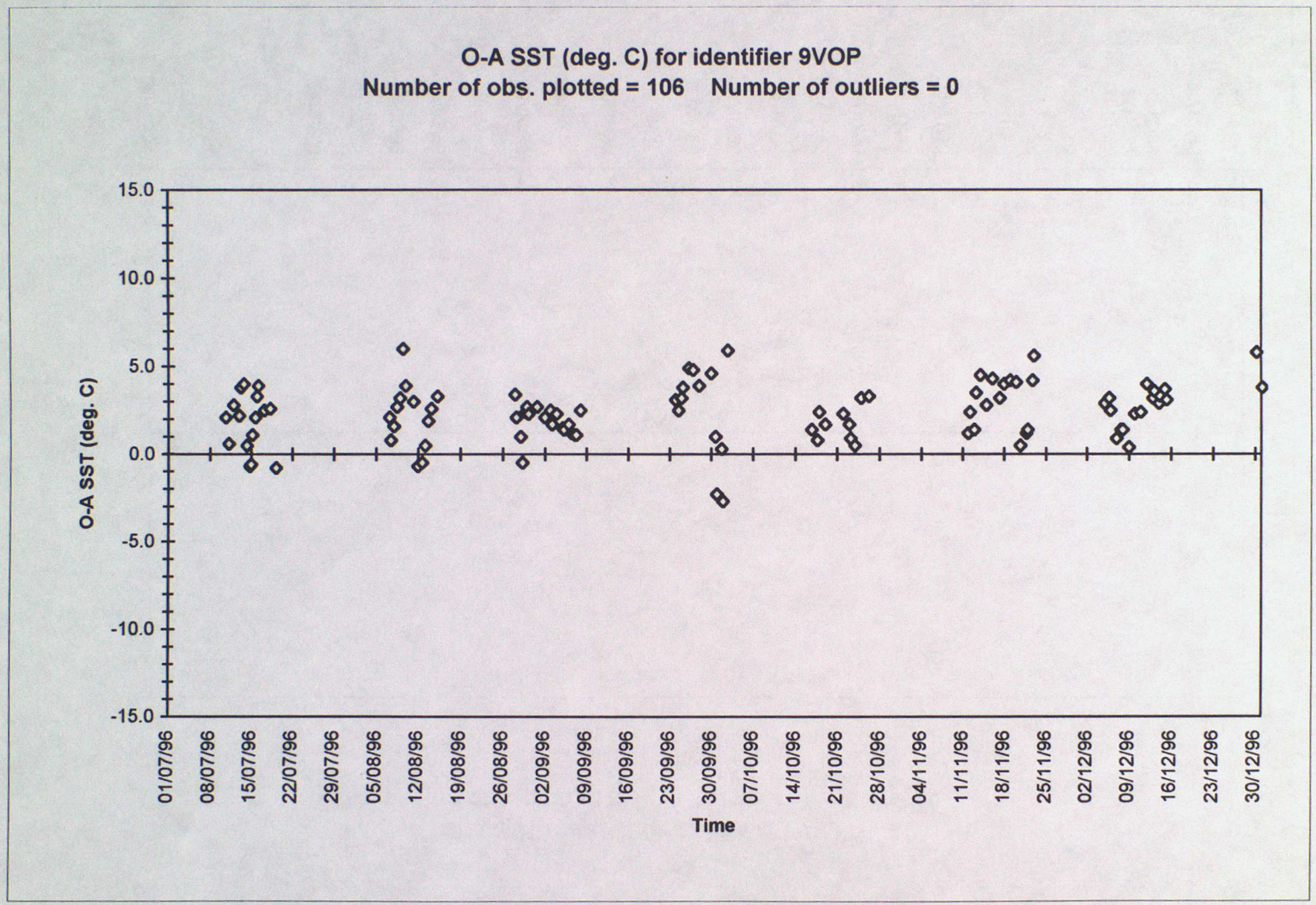
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96


O-A SST (deg. C) for identifier 9KKS
Number of obs. plotted = 205 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 9MBG3
Number of obs. plotted = 131 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 9VHJ
Number of obs. plotted = 121 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time


O-A SST (deg. C) for identifier 9VOP
Number of obs. plotted = 106 Number of outliers = 0
O-A SST (deg. C)
15.0
10.0
5.0
0.0
-5.0
-10.0
-15.0
01/07/96
08/07/96
15/07/96
22/07/96
29/07/96
05/08/96
12/08/96
19/08/96
26/08/96
02/09/96
09/09/96
16/09/96
23/09/96
30/09/96
07/10/96
14/10/96
21/10/96
28/10/96
04/11/96
11/11/96
18/11/96
25/11/96
02/12/96
09/12/96
16/12/96
23/12/96
30/12/96
Time